CATALOGUE 2023-2024

ELECTRICAL SYSTEMS

LIGHTING

Paoli

Always a step ahead

Let's be inspired

Palazzoli GROUP

Palazzoli | Palazzoli IBÉRICA | Palazzoli MIDDLE EAST | LEWDEN | STRAL

An International Group

The Palazzoli Group is one of the major international players in the production of electrical and lighting systems, with a worldwide presence of more than 5000 authorised dealers.
The Group consists of the historic brand Palazzoli (Italy), Palazzoli Ibérica (Spain), Palazzoli Middle East (United Arab Emirates), Lewden (Great Britain) and Stral (Italy).
An international company with over 300 employees, present in more than 100 countries, serving the Industrial, ATEX, Infrastructure and Marine sectors.

MARCHIO STORICO | Ambassadors of Made in Italy



ELECTRICAL SYSTEMS

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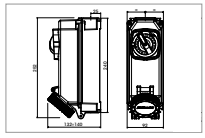
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Spare parts



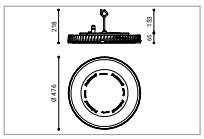
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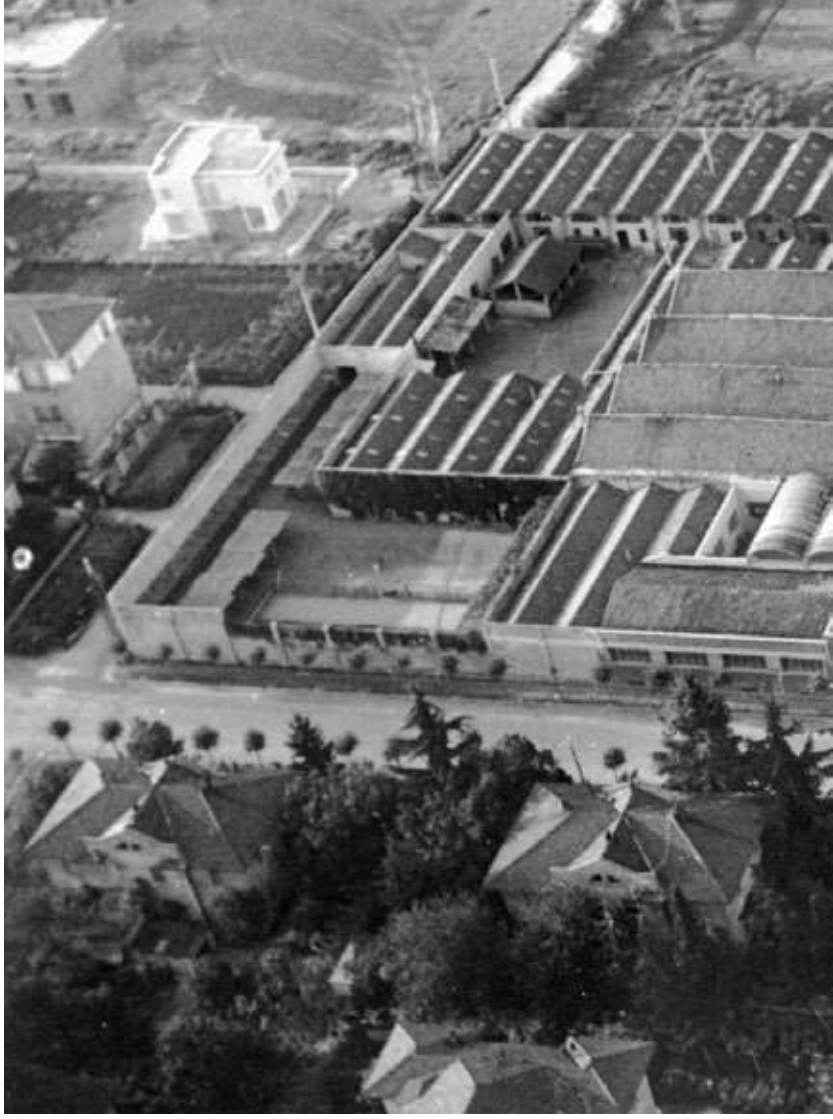


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Online catalogue.

1904: the birth

Having grown in an area with an established industrial history, for more than a century, Palazzoli has contributed to carrying on the pride of Italian entrepreneurship with its commitment and profusion of energy. A sagacious and far-sighted interpreter of the changes that society, and in particular the industrial sector, was undergoing, the company made its contribution above all in sectors that present the greatest challenges and require increasingly specific skills.



By the 1950s, it was already ahead of its competitors and set up an in-house test and measurement laboratory to ensure the complete reliability of its products. Today the Company boasts a photometric laboratory that enables it to test the performance of its light fixtures in a very short time.

A leader in the supply of equipment for harsh environments, the Company has in fact been supplying products for locations with a high explosion hazard for more than 20 years.



Discover
our **history**.



Growth

From the 1990s onwards, the Company, on the strength of its achievements in the marine and industrial sectors, began to develop products for other sectors and soon obtained prestigious orders. The extension of the Milan Trade Fair and the new Brescia Trade Fair are just a few examples, to which orders for installations in extreme areas were added, such as the Italian Enea base in Antarctica, the equipment selected for the vast extraction plants in Israel and the Nantong power station in China.



Thanks to a massive investment that marked a clear industrial turning point, a new fully automated warehouse went into operation in 2004.
A forerunner of Industry 4.0 and artificial intelligence, without neglecting its attention to social issues, to the community of workers and more generally the link to the local area, issues to which the Company has always given particular importance. As early as 1924, women were working at the drill and lathe alongside men in Palazzoli's lathe department.
The social sensitivity of the Company's top management is demonstrated, for example, by the donation in 1966 of Villa Palazzoli with all its outbuildings and the adjacent Ronco to the Brescia Municipality, with the aim of converting them into a guesthouse for teachers and state employees.

Today, the Company can rightly boast that it has met and exceeded its Kyoto Protocol 2020 targets.

Palazzoli today

With more than a century of history and a distinct industrial tradition behind it, Palazzoli today is a solid and highly reliable Company, recognised by the market for the high performance of its products and appreciated by individual customers for the quality of its services.

Thanks to its in-depth knowledge of materials, the Company is able to offer suitable solutions for every environment and therefore produces in a wide variety of variants, ranging from thermoplastic to thermosetting GRP, aluminium, stainless steel and brass.



A certified Company

For customer satisfaction, protection and respect of employees and the local area, Palazzoli applies the Quality Management System according to the international standard **UNI EN ISO 9001** and the Environmental Management System, certified according to the international standard **UNI EN ISO 14001.**
Palazzoli's focus is also on human capital.
The **ISO 45001-certified** Occupational Health and Safety Management System is dedicated to this.

Thermal energy from waste to energy equal to 100% of demand

avoiding the emission of 1,182 tonnes of carbon dioxide per year, equivalent to the planting of 90,923 trees, 303 hectares.

Electricity from photovoltaic system, equal to 85% of the demand

avoiding the emission of 600 tonnes of carbon dioxide annually, equivalent to the planting of 46,154 trees, 154 hectares.

Annual values

over 6 million Kg of CO_2 saved



A green Company

All work cycles are GREEN certified: no toxic materials in production, no harmful emissions into the environment. The Company uses photovoltaic systems to produce 85% of the electricity consumed.

Today, the Company has met and exceeded its 2020 Kyoto Protocol targets.

Palazzoli operates in all the major countries of the world, thanks to more than 100 businesses that cooperate with it directly and indirectly.

Processing

- zero halogens
- zero asbestos
- zero carcinogenic components
- zero emissions of polluting liquids
- zero emissions of polluting gases

Raw materials, recycled aluminium from shredded aluminium, equal to 95% of the demand

avoiding the emission of 4,962 tonnes of carbon dioxide per year, equivalent to the planting of 381,692 trees, 1.272 hectares.

over 500,000 Trees planted

over 1,700 Hectares saved

A 4.0 Company

Products are manufactured on automated assembly lines with 100% mechanical, electrical and electronic testing. All production is monitored by quality assurance systems and stored in vertical, machine-readable warehouses, making shipping fast and safe.

Palazzoli's strength





Customer focused operations

Drawing up a detailed analysis of the market and technical aspects as the basic objectives of the project, before starting with a new work plan.

Smart engineering

A mechanical or electrical system that works well is a good project, and to realise it in the simplest and most reliable way is the goal of Palazzoli's technicians.

Discover
our **products.**





Top Manufacture

The careful selection of materials, the attention and expertise in manufacturing, the structured process checks, are the factors that differentiate the Palazzoli factory in Brescia.

Discover
our **factory.**

Service excellence

Timely deliveries, installation advice, testing and guaranteed operation over time do characterize Palazzoli's services.

Technical assistance

Italy	WhatsApp	Worldwide
800 700 332	+39 331.617.9896	+39 030.20.15.1

High performance

Palazzoli produces electrical devices and light fixtures using a variety of materials.

The aluminium alloy bodies are treated against corrosion through a passivation and painting process. AISI 304 stainless steel bodies are intended for the industrial and ATEX sectors, while AISI 316L stainless steel bodies are intended for the infrastructure and marine sectors.



Inside, LED systems are mounted which, thanks to excellent heat dissipation, maintain the luminous flux unaltered, guaranteeing optimal operating conditions.
The assembly and the wiring of the optical units inside the light fixtures are carried out in a dedicated area inside Palazzoli's facilities.
The lenses, mounted on the boards with an automated process, are designed to achieve an optimal distribution of the luminous flux.





Certified quality

The pursuit of the highest quality objectives has distinguished Palazzoli over the years, a Company that has always been careful to offer consumers the best guarantees in terms of design criteria, production processes, product safety and durability.
All devices are made in Italy and certified, depending on the application, by CESI, IMQ, TÜV, RINA, DEKRA, INTERTEK, and EUROFINS.



Palazzoli has always specialised in the production of heavy-duty electrical and lighting devices for particularly aggressive environments, where the operating conditions are harsh and extreme.

For this reason, the Company has long since invested in surface finishing processes to ensure the best protection and excellent corrosion resistance.

The Company has created an in-house product painting department, structured on differentiated phases, in which every step of each finishing process is checked and verified. Through fluorozirconate coating processes, which precede powder coating, the Company is able to provide products with high quality standards, that are resistant to corrosion and abrasion.

COMPANY CERTIFICATIONS



QUALITY



ENVIRONMENT



SAFETY



QAN



QAR



CTF 2

Palazzoli's Laboratory constantly collaborates with other laboratories, institutions and universities.

For customer satisfaction, protection and respect of workers and the territory, Palazzoli applies the Quality Management System, voluntarily subjected to annual checks by independent third parties to verify its full compliance with international standards: **ISO 9001 (Quality), ISO 14001 (Environment) and ISO 45001 (Occupational Health and Safety).**

PRODUCT CERTIFICATIONS



DEKRA



TUV



RINA



INMETRO



INTERTEK



IMQ

Palazzoli's Laboratory regularly participates in CEI and UNI technical committees as well as ANIE CSI and ASSIL working groups.

As regards ATEX environments, Palazzoli has obtained the "Notification of the guarantee of product quality" from IMQ and the "Quality Assessment Report" (IECEx QAR) for the production of electrical and lighting systems intended for potentially explosive atmospheres.
Every Palazzoli product is designed to guarantee safety for users.

PICTOGRAMS

CE marking. Indicates that a product can circulate freely within the European Union. Guarantees that the product meets the essential safety requirements.

Eurasian Economic Union (EEU) compliance, identifies that the product has been verified by a third party in accordance with EEU regulations.

Certification of compliance of equipment with European EN safety standards.

UK Conformity Assessed, identifies that the product has been assessed in accordance with UK regulations following Brexit.

International Electrotechnical Commission for the Certification of Equipment for Use in Explosive Atmospheres, identifies that the product has been certified by an Ex Certification Body.

Device suitable for installation in environments with a potentially explosive atmosphere.

Registro Italiano Navale, maritime certification of products for installation in recreational vessels.

Resistant to ball strikes, suitable for installation in sports halls.

Limited surface temperature, device suitable for installation in environments where there is a risk of thermal effects, e.g. combustion or degradation of materials, but where there is no risk of explosion.

IP__

The IP code classifies and evaluates the degree of protection provided by the casings against the ingress of solids and water.

IK__

The IK code is the degree of protection of the equipment against external mechanical impacts.

Class II

Insulation classes are defined by electrical safety standards and establish the protection characteristics of equipment against electrical shock.

Flicker <1%

Flicker (variation in light intensity over time) perceptible or not perceptible to the human eye.

4000K

Correlated colour temperature.

T8

Device fitted with G13 connection for T8 fluorescent tubes.

E27

Type of light source screw connection.

Indicates the possibility of shifting the position of the optics.

+ 55°
- 30°

Ambient temperature range within which correct operation of the product is guaranteed.

Digital Addressable Lighting Interface.
Digital transmission protocol.

Indicates the possibility of installation in environments with swimming pools.

HOW TO READ THE PRODUCT CODES



810630 DA

Unique product code consisting of 6 numbers

Suffix to the code consisting of letters identifying the characteristics:

DA	DALI
HT	HIGH TEMPERATURE
VHT	VERY HIGH TEMPERATURE
NV	UNPAINTED
EX	ATEX DEVICES
MV	VIRTUAL MIDNIGHT
L_M	BRACKETS

HOW TO RECOGNISE THE MOST REQUESTED CODES





Wall-mounted interlocked socket-outlets with fuse holder base IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	50/60Hz	110	yellow	2P+⏚	4	**475124**	1
entry **F1**	50/60Hz	110	yellow	3P+⏚	4	**475134**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**475144**	1
10x38 fuses	50/60Hz	230	blue	2P+⏚	6	**475126**	1
	50/60Hz	230	blue	3P+⏚	9	**475139**	1

The green background identifies the most requested product

Electrical systems

Palazzoli provides customers with a range of solutions specifically designed to meet the needs of the most complex fields of application.





Industry

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INDUSTRIAL PLANTS
OUTDOOR AREAS
SPORTS FACILITIES
WAREHOUSES
HANGARS
SHOPPING CENTRES

Atex

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ZONE 1
ZONE 2
ZONE 21
ZONE 22





Infrastructure

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RAIL TUNNELS
UNDERGROUNDS
MOUNTAIN TUNNELS
ROAD TUNNELS

Marine

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CARGO SHIPS
CRUISE SHIPS
MILITARY SHIPS
SUBMARINES





Industry

Industrial plants, storage warehouses, sports and commercial centres and the food sectors are the fields of application for which Palazzoli has designed products with high electrical and mechanical performances, great ease of installation and total absence of maintenance.
Thanks to the products made with many specific technologies and materials, even critical and polluted environments can be electrified.



Sports Centres



Parks



Stadiums



Industrial plants, storage warehouses, sports and commercial centres, and the food industry are a field of application for which Palazzoli has designed connections and enclosures with high performance, energy savings, extreme ease of installation and total absence of maintenance.



Photovoltaic systems



Car-wash facilities



Construction sites



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Boxes Page 141

Terminal blocks and cable glands Page 141

Control devices Page 175

Pre-wired distribution boards Page 211

MULTIMAX

electrifies events at the San Siro stadium in Milan



Plugs and socket-outlets

STANDARD APPLICATIONS



MULTIMAX

Quick-mounting
mobile plugs
and socket-outlets
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MULTIMAX

Quick-mounting mobile plugs
and socket-outlets
for entertainment
Page 36



MULTIPLAY

Multipliers and adaptors
for temporary installations
Page 38



SPIN

Mobile rubber plugs and
sockets for domestic use
Page 39



TOPTER

Flush- and wall-mounted
fixed socket-outlets
Page 44



DOMOTER

Modular devices
for domestic use
Page 50

HEAVY-DUTY APPLICATIONS



XCEE

Safety performance
mobile plugs
and socket-outlets
Page 60



CEE

Extra low voltage
plugs and socket-outlets
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ALUMAX

Plugs and socket-outlets
for high amperages
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PLUGS AND SOCKET-OUTLETS IN TECHNOPOLYMER from 16A to 63A

Standard applications

				MULTIMAX series					
				 page 36	 page 37	 page 36	 page 37	 page 36	 page 36
Rated current (A)	Rated voltage (V)	Poles	h ref.	Straight mobile plugs IP44	Straight mobile plugs IP67	Straight mobile socket-outlets IP44	Straight mobile socket-outlets IP67	Straight mobile plugs IP44	Straight mobile socket-outlets IP44
16	110 100-130	2P+⏚	4	**700124**	**710124**	**720124**	**730124**	**705124**	**725124**
		3P+⏚	4	**700134**		**720134**			
		3P+N+⏚	4	**700144**		**720144**			
	230 200-250	2P+⏚	6	**700126**	**710126**	**720126**	**730126**	**705126**	**725126**
		3P+⏚	9	**700139**		**720139**			
		3P+N+⏚	9	**700149**		**720149**			
	400 380-415	2P+⏚	9	**700129**		**720129**			
		3P+⏚	6	**700136**	**710136**	**720136**	**730136**	**705136**	**725136**
		3P+N+⏚	6	**700146**	**710146**	**720146**	**730146**	**705146**	**725146**
32	110 100-130	2P+⏚	4	**700224**	**710224**	**720224**	**730224**		
		3P+⏚	4	**700234**		**720234**			
		3P+N+⏚	4	**700244**		**720244**			
	230 200-250	2P+⏚	6	**700226**	**710226**	**720226**	**730226**	**705226**	**725226**
		3P+⏚	9	**700239**		**720239**			
		3P+N+⏚	9	**700249**		**720249**			
	400 380-415	2P+⏚	9	**700229**		**720229**			
		3P+⏚	6	**700236**	**710236**	**720236**	**730236**	**705236**	**725236**
		3P+N+⏚	6	**700246**	**710246**	**720246**	**730246**	**705246**	**725246**
63	230	2P+⏚	6		**710326**		**730326**		
	400 380-415	3P+⏚	6		**710336**		**730336**		
		3P+N+⏚	6		**710346**		**730346**		

				TOPTER series					
				 page 44	 page 44	 page 49	 page 49	 page 49	 page 49
Rated current (A)	Rated voltage (V)	Poles	h ref.	Angled socket-outlets IP44	Angled socket-outlets IP66/IP67	15° angled wall-mounted socket-outlets IP44	15° angled wall-mounted socket-outlets IP66/IP67	90° angled wall-mounted socket-outlets IP44	90° angled wall-mounted socket-outlets IP67
16	110 100-130	2P+⏚	4	**488124**	**489124**	**438124**	**439124**	**508124**	**509124**
		3P+⏚	4	**488134**	**489134**				
		3P+N+⏚	4	**488144**	**489144**				
	230 200-250	2P+⏚	6	**488126**	**489126**	**438126**	**439126**	**508126**	**509126**
		3P+⏚	9	**488139**	**489139**				
		3P+N+⏚	9	**488149**	**489149**				
	400 380-415	2P+⏚	9	**488129**	**489129**				
		3P+⏚	6	**488136**	**489136**	**438136**	**439136**	**508136**	**509136**
		3P+N+⏚	6	**488146**	**489146**	**438146**	**439146**	**508146**	**509146**
32	110 100-130	2P+⏚	4	**488224**	**489224**	**438224**	**439224**	**508224**	**509224**
		3P+⏚	4	**488234**	**489234**				
		3P+N+⏚	4	**488244**	**489244**				
	230 200-250	2P+⏚	6	**488226**	**489226**	**438226**	**439226**	**508226**	**509226**
		3P+⏚	9	**488239**	**489239**				
		3P+N+⏚	9	**488249**	**489249**				
	400 380-415	2P+⏚	9	**488229**	**489229**				
		3P+⏚	6	**488236**	**489236**	**438236**	**439236**	**508236**	**509236**
		3P+N+⏚	6	**488246**	**489246**	**438246**	**439246**	**508246**	**509246**
	380/440	3P+⏚	3		**489233**		**439233**		**509233**
63	230	2P+⏚	6		**489326**				**509326**
	400 380-415	3P+⏚	6		**489336**				**509336**
		3P+N+⏚	6		**489346**				**509346**

EXTRA-LOW VOLTAGE IN TECHNOPOLYMER from 16A to 125A

Heavy-duty applications

				CEE series								
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Rated current (A)	Rated voltage (V)	Poles	h ref.	Straight mobile plugs IP44	Straight mobile plugs IP67	90° angled wall-mounted inlets IP44	Straight mobile socket-outlets IP44	Straight mobile socket-outlets IP67	Straight fixed socket-outlets IP44	Angled socket-outlets IP44	Straight fixed socket-outlets IP67	90° angled wall-mounted socket-outlets IP44
16	20-25	2P	–	**477002**	**477003**	**476002**	**473002**	**473003**	**471032**	**471062**	**471003**	**471002**
		3P	–	**477062**	**477063**	**476012**	**473062**	**473063**	**471042**	**471072**	**471063**	**471012**
	40-50	2P	12	**477102**	**477103**	**476102**	**473102**	**473103**	**471132**	**471162**	**471103**	**471102**
		3P	12	**477112**	**477113**	**476112**	**473112**	**473113**	**471142**	**471172**	**471113**	**471112**
	20-25 40-50	2P	4	**477012**	**477013**	**476042**	**473012**	**473013**	**471051**	**471111**	**471013**	**471011**
		3P	4	**477122**	**477123**	**476142**	**473122**	**473123**	**471022**	**471122**	**471123**	**471151**
		2P	10	**477602**	**477603**	**476602**	**473602**	**473603**	**471632**	**471662**	**471603**	**471602**
32	20-25	2P	–	**477005**	**477006**	**476005**	**473005**	**473006**	**471035**	**471065**	**471007**	**471005**
		3P	–	**477065**	**477066**	**476015**	**473065**	**473066**	**471045**	**471075**	**471067**	**471015**
	40-50	2P	12	**477105**	**477106**	**476105**	**473105**	**473106**	**471135**	**471165**	**471107**	**471105**
		3P	12	**477115**	**477116**	**476115**	**473115**	**473116**	**471145**	**471175**	**471117**	**471115**
	20-25 40-50	2P	4	**477015**	**477016**	**476045**	**473015**	**473016**	**471108**	**471058**	**471017**	**471018**
		3P	4	**477175**	**477176**	**476145**	**473125**	**473126**	**471118**	**471059**	**471177**	**471019**
		2P	10	**477605**	**477606**	**476605**	**473605**	**473606**	**471635**	**471665**	**471607**	**471605**

				High currents			
				 page 67	 page 68	 page 69	 page 69
Rated current (A)	Rated voltage (V)	Poles	h ref.	Straight mobile plugs IP67	Straight mobile socket-outlets IP67	Angled socket-outlets IP67	Straight fixed socket-outlets IP67
63	48	2P	1	**477951**	**473951**	**473961**	**473971**
		3P	1	**477952**	**473952**	**473962**	**473972**
125	48	3P	1	**477955**	**473955**	**473965**	**473975**

				Double-twin cable	
				 page 67	 page 67
Rated current (A)	Rated voltage (V)	Poles	h ref.	Straight mobile plugs IP67	Straight mobile socket-outlets IP67
32	48	2P	12	**477107**	**473107**
63	48	2P	1	**477901**	**473901**

ALUMINIUM PLUGS AND SOCKET-OUTLETS from 250A to 400A

Heavy-duty applications

			ALUMAX Series			
			 page 70	 page 70	 page 70	 page 70
Rated current (A)	Poles	No. of pilot contacts	Straight mobile plugs IP67	Straight mobile socket-outlets IP67	Straight fixed plugs IP67	Straight fixed socket-outlets IP67
250	3P+⏚	2	**750530**	**760530**	**751530**	**761530**
	3P+N+⏚		**750550**	**760550**	**751550**	**761550**
320	3P+N+⏚	2	**750650**	**760650**	**751650**	**761650**
400	3P+N+⏚		**750750**	**760750**	**751750**	**761750**

PLUGS AND SOCKET-OUTLETS IN TECHNOPOLYMER from 16A to 125A

Heavy-duty applications

XCEE series








				page 60	page 60	page 60	page 60	page 62	page 62
Rated current (A)	Rated voltage (V)	Poles	h ref.	Straight mobile plugs IP66/IP67/IP68/IP69	Straight panel-mounted inlets IP66/IP67/IP68/IP69	20° angled panel-mounted inlets IP66/IP67/IP68/IP69	65° angled wall-mounted inlets IP66/IP67/IP68/IP69	Straight mobile socket-outlets IP66/IP67/IP68/IP69	Straight panel-mounted socket-outlets IP66/IP67/IP68/IP69
16	110 100-130	2P+⏚	4	**760124**	**762124**	**763124**	**766124**	**770124**	**772124**
		3P+⏚	4	**760134**				**770134**	**772134**
		3P+N+⏚	4	**760144**				**770144**	**772144**
	230 200-250	2P+⏚	6	**760126**	**762126**	**763126**	**766126**	**770126**	**772126**
		3P+⏚	9	**760139**				**770139**	**772139**
		3P+N+⏚	9	**760149**				**770149**	**772149**
	400 380-415	2P+⏚	9	**760129**				**770129**	**772129**
		3P+⏚	6	**760136**	**762136**	**763136**	**766136**	**770136**	**772136**
		3P+N+⏚	6	**760146**	**762146**	**763146**	**766146**	**770146**	**772146**
	500 480-500	3P+⏚	7	**760137**				**770137**	**772137**
		3P+N+⏚	7	**760147**				**770147**	**772147**
32	110 100-130	2P+⏚	4	**760224**	**762224**	**763224**	**766224**	**770224**	**772224**
		3P+⏚	4	**760234**				**770234**	**772234**
		3P+N+⏚	4	**760244**				**770244**	**772244**
	230 200-250	2P+⏚	6	**760226**	**762226**	**763226**	**766226**	**770226**	**772226**
		3P+⏚	9	**760239**				**770239**	**772239**
		3P+N+⏚	9	**760249**				**770249**	**772249**
	400 380-415	2P+⏚	9	**760229**				**770229**	**772229**
		3P+⏚	6	**760236**	**762236**	**763236**	**766236**	**770236**	**772236**
		3P+N+⏚	6	**760246**	**762246**	**763246**	**766246**	**770246**	**772246**
	500 480-500	3P+⏚	7	**760237**				**770237**	**772237**
		3P+N+⏚	7	**760247**				**770247**	**772247**
	380-440	3P+⏚	3	**760233**				**770233**	**772233**
63	110 100-130	2P+⏚	4	**760324**				**770324**	**772324**
		3P+⏚	4	**760334**				**770334**	**772334**
		3P+N+⏚	4	**760344**				**770344**	**772344**
	230 200-250	2P+⏚	6	**760326**				**770326**	**772326**
		3P+⏚	9	**760339**				**770339**	**772339**
		3P+N+⏚	9	**760349**				**770349**	**772349**
	400 380-415	2P+⏚	9	**760329**				**770329**	**772329**
		3P+⏚	6	**760336**	**762336**	**763336**	**766336**	**770336**	**772336**
		3P+N+⏚	6	**760346**	**762346**	**763346**	**766346**	**770346**	**772346**
	500 480-500	3P+⏚	7	**760337**				**770337**	**772337**
		3P+N+⏚	7	**760347**				**770347**	**772347**
125	110 100-130	2P+⏚	4						
		3P+⏚	4	**760434**				**770434**	**772434**
		3P+N+⏚	4	**760444**				**770444**	**772444**
	230 200-250	2P+⏚	6						
		3P+⏚	9	**760439**				**770439**	**772439**
		3P+N+⏚	9	**760449**				**770449**	**772449**
	400 380-415	2P+⏚	9						
		3P+⏚	6	**760436**	**762436**	**763436**	**766436**	**770436**	**772436**
		3P+N+⏚	6	**760446**	**762446**	**763446**	**766446**	**770446**	**772446**
	500 480-500	3P+⏚	7	**760437**				**770437**	**772437**
		3P+N+⏚	7	**760447**				**770447**	**772447**

PLUGS AND SOCKET-OUTLETS IN TECHNOPOLYMER from 16A to 125A

XCEE series



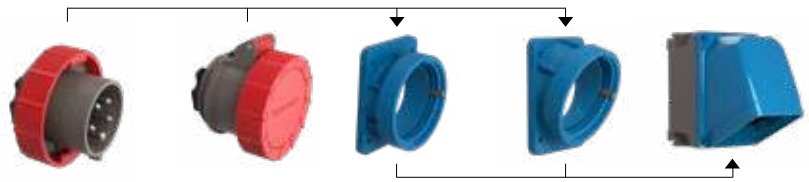
page 63



page 63

h ref.	20° angled panel-mounted socket-outlets IP66/IP67/IP68/IP69	65° angled wall-mounted socket-outlets IP66/IP67/IP68/IP69
4	773124	776124
4	773134	776134
4	773144	776144
6	773126	776126
9	773139	776139
9	773149	776149
9	773129	776129
6	773136	776136
6	773146	776146
7	773137	776137
7	773147	776147
4	773224	776224
4	773234	776234
4	773244	776244
6	773226	776226
9	773239	776239
9	773249	776249
9	773229	776229
6	773236	776236
6	773246	776246
7	773237	776237
7	773247	776247
3	773233	776233
4	773324	776324
4	773334	776334
4	773344	776344
6	773326	776326
9	773339	776339
9	773349	776349
9	773329	776329
6	773336	776336
6	773346	776346
7	773337	776337
7	773347	776347
4		
4	773434	776434
4	773444	776444
6		
9	773439	776439
9	773449	776449
9		
6	773436	776436
6	773446	776446
7	773437	776437
7	773447	776447

XCEE series - Compositions



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Plug inserts IP66/IP67/IP68/IP69	Socket inserts IP66/IP67/IP68/IP69	Straight panel-mounted flanges IP66/IP67/IP68/IP69	20° angled panel-mounted flanges IP66/IP67/IP68/IP69	65° angled wall-mounted boxes IP66/IP67/IP68/IP69
769124	779124	419021	419031	532131
769134	779134	419022	419032	532131
769144	779144	419023	419033	532131
769126	779126	419021	419031	532131
769139	779139	419022	419032	532131
769149	779149	419023	419033	532131
769129	779129	419021	419031	532131
769136	779136	419022	419032	532131
769146	779146	419023	419033	532131
769137	779137	419022	419032	532131
769147	779147	419023	419033	532131
769224	779224	419023	419033	532131
769234	779234	419023	419033	532131
769244	779244	419024	419034	532132
769226	779226	419023	419033	532131
769239	779239	419023	419033	532131
769249	779249	419024	419034	532132
769229	779229	419023	419033	532131
769236	779236	419023	419033	532131
769246	779246	419024	419034	532132
769237	779237	419023	419033	532131
769247	779247	419024	419034	532132
769233	779233	419023	419033	532131
769324	779324	419025	419035	532132
769334	779334	419025	419035	532132
769344	779344	419025	419035	532132
769326	779326	419025	419035	532132
769339	779339	419025	419035	532132
769349	779349	419025	419035	532132
769329	779329	419025	419035	532132
769336	779336	419025	419035	532132
769346	779346	419025	419035	532132
769337	779337	419025	419035	532132
769347	779347	419025	419035	532132
769424	779424	419026	419036	532133
769434	779434	419026	419036	532133
769444	779444	419026	419036	532133
769426	779426	419026	419036	532133
769439	779439	419026	419036	532133
769449	779449	419026	419036	532133
769429	779429	419026	419036	532133
769436	779436	419026	419036	532133
769446	779446	419026	419036	532133
769437	779437	419026	419036	532133
769447	779447	419026	419036	532133



Plug and socket inserts can be installed:

- on straight or angled panel-mounted flanges.
- on the boxes by using straight or angled flanges to achieve 65° or 85° angled connections and reduce overall dimensions.

MULTIMAX



MULTIMAX

Quick-mounting mobile plugs and socket-outlets

ADVANTAGES



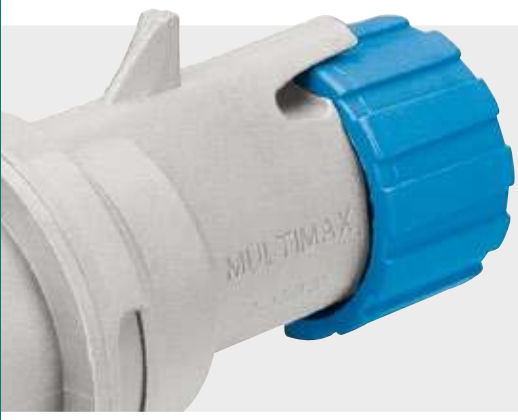
1

A simple click to fix the body to the grip. This internationally patented system makes the connection easier and safer.

The tear-proof cable clamping is achieved with special hooks with a particular reverse grip system which counteracts the tensile force with an equal and opposite reaction.

2





3

The MULTIMAX plug grip integrates an automatic cable gland locking system that protects against accidental disconnections. The cable gland can be easily unlocked by lifting the locking arm.

The black colour series has been specially designed for the entertainment, film and HI-FI industries. Here, too, you will find all the advantages of MULTIMAX.

4



MULTIMAX

Quick-mounting mobile plugs and socket-outlets



Body material	**Technopolymer**
Contacts material	**Brass**
Pin treatment	**Nickel plating (IP67)**
Colour	**RAL 7042 Traffic grey RAL 7021 Black grey**
Protection rating	**IP44 - IP67**
Impact resistance	**IK07**
Glow Wire Test	**850°C**
Flammability class	**V-2**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A - 63A**
Operating voltage	**110V - 400V**
Insulation voltage	**400V**
Operating frequency	**50/60Hz**
Terminal type	**Direct clamping**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000

Cable features:

Rated current (A)	Poles	Entry cable diameter (mm)	Entry cable cross-section (mm²)
16	2P+⏚	8 - 13	1 - 6
	3P+⏚	8.5 - 14	
	3P+N+⏚	10 - 15.5	
32	2P+⏚	11 - 17.5	2.5 - 10
	3P+⏚	12 - 19.5	
	3P+N+⏚	14 - 21.5	
63	2P+⏚	16 - 26	4 - 25
	3P+⏚	18.5 - 29	
	3P+N+⏚	20 - 31.5	

MULTIMAX

Quick-mounting mobile plugs and socket-outlets

ASSEMBLY INSTRUCTIONS



For quick and easy installation, scan the **QR code**.

MULTIMAX

Quick-mounting mobile plugs and socket-outlets



Straight mobile plugs
quick-mounting
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**700124**	10
	110	yellow	3P+⏚	4	**700134**	5
	110	yellow	3P+N+⏚	4	**700144**	5
	230	blue	2P+⏚	6	**700126**	40
	230	blue	3P+⏚	9	**700139**	5
	230	blue	3P+N+⏚	9	**700149**	5
	400	red	2P+⏚	9	**700129**	5
	400	red	3P+⏚	6	**700136**	30
	400	red	3P+N+⏚	6	**700146**	20
32	110	yellow	2P+⏚	4	**700224**	5
	110	yellow	3P+⏚	4	**700234**	5
	110	yellow	3P+N+⏚	4	**700244**	5
	230	blue	2P+⏚	6	**700226**	5
	230	blue	3P+⏚	9	**700239**	5
	230	blue	3P+N+⏚	9	**700249**	5
	400	red	2P+⏚	9	**700229**	5
	400	red	3P+⏚	6	**700236**	20
	400	red	3P+N+⏚	6	**700246**	20

Features: all products are packed separately.



Straight mobile socket-outlets
quick-mounting
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**720124**	5
	110	yellow	3P+⏚	4	**720134**	5
	110	yellow	3P+N+⏚	4	**720144**	5
	230	blue	2P+⏚	6	**720126**	30
	230	blue	3P+⏚	9	**720139**	5
	230	blue	3P+N+⏚	9	**720149**	5
	400	red	2P+⏚	9	**720129**	5
	400	red	3P+⏚	6	**720136**	20
	400	red	3P+N+⏚	6	**720146**	20
32	110	yellow	2P+⏚	4	**720224**	5
	110	yellow	3P+⏚	4	**720234**	5
	110	yellow	3P+N+⏚	4	**720244**	5
	230	blue	2P+⏚	6	**720226**	5
	230	blue	3P+⏚	9	**720239**	5
	230	blue	3P+N+⏚	9	**720249**	5
	400	red	2P+⏚	9	**720229**	5
	400	red	3P+⏚	6	**720236**	15
	400	red	3P+N+⏚	6	**720246**	15

Features: all products are packed separately.

MULTIMAX

Mobile plugs and socket-outlets for entertainment



Straight mobile plugs
quick-mounting
black colour
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**705124**	10
	230	blue	2P+⏚	6	**705126**	10
	400	red	3P+⏚	6	**705136**	10
	400	red	3P+N+⏚	6	**705146**	10
32	230	blue	2P+⏚	6	**705226**	5
	400	red	3P+⏚	6	**705236**	5
	400	red	3P+N+⏚	6	**705246**	5

Features: all products are packed separately.



Straight mobile socket-outlets
quick-mounting
black colour
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**725124**	10
	230	blue	2P+⏚	6	**725126**	10
	400	red	3P+⏚	6	**725136**	10
	400	red	3P+N+⏚	6	**725146**	10
32	230	blue	2P+⏚	6	**725226**	5
	400	red	3P+⏚	6	**725236**	5
	400	red	3P+N+⏚	6	**725246**	5

Features: all products are packed separately.

Dimensions on page 454 *Technical data on page 34*

MULTIMAX

Quick-mounting mobile plugs and socket-outlets



Straight mobile plugs
quick-mounting
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110		2P+⏚	4	**710124**	10
	230		2P+⏚	6	**710126**	30
	400		3P+⏚	6	**710136**	20
	400		3P+N+⏚	6	**710146**	15
32	110		2P+⏚	4	**710224**	6
	230		2P+⏚	6	**710226**	6
	400		3P+⏚	6	**710236**	15
	400		3P+N+⏚	6	**710246**	10

Features: all products are packed separately.



Straight mobile socket-outlets
quick-mounting
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110		2P+⏚	4	**730124**	10
	230		2P+⏚	6	**730126**	20
	400		3P+⏚	6	**730136**	15
	400		3P+N+⏚	6	**730146**	15
32	110		2P+⏚	4	**730224**	6
	230		2P+⏚	6	**730226**	6
	400		3P+⏚	6	**730236**	10
	400		3P+N+⏚	6	**730246**	10

Features: all products are packed separately.



Straight mobile plugs
quick-mounting
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	230		2P+⏚	6	**710326**	2
	400		3P+⏚	6	**710336**	5
	400		3P+N+⏚	6	**710346**	5

Features: all products are packed separately.



Straight mobile socket-outlets
quick-mounting
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	230		2P+⏚	6	**730326**	2
	400		3P+⏚	6	**730336**	5
	400		3P+N+⏚	6	**730346**	5

Features: all products are packed separately.



Straight mobile plugs
quick-mounting
with phase inverter
50/60Hz IP67



Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	400		3P+⏚	6	**710156**	1
	400		3P+N+⏚	6	**710166**	1
32	400		3P+⏚	6	**710256**	1
	400		3P+N+⏚	6	**710266**	1

Features: all products are packed separately.

MULTIPLAY

Multipliers and adaptors for temporary installations

Body material	**Thermoplastic**
Contacts material	**Brass**
Pin treatment	**Nickel plating**
Colour	**RAL 7042 Traffic grey**
Protection rating	**IP67 (multipliers) IP20 (adaptors)**
Impact resistance	**IK07**
Resistance to abnormal heat and fire	**850°C**
Flammability class	**V-2**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A**
Operating voltage	**230V - 400V**
Insulation voltage	**400V**
Operating frequency	**50/60Hz**

CE

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000
EN 50250
IEC 23-50



2-outlet mobile multipliers
with 16A industrial plug
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	230		2P+⏚	6	**752126**	1
	400		3P+⏚	6	**752136**	1
	400		3P+N+⏚	6	**752146**	1



3-outlet mobile multipliers
with 16A/32A industrial plug
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	230		2P+⏚	6	**753126**	1
	400		3P+⏚	6	**753136**	1
	400		3P+N+⏚	6	**753146**	1
32	400		3P+⏚	6	**753236**	1



System adaptors
with 16A industrial plug
and domestic sockets
50/60Hz IP20

Rated current (A)	Rated voltage (V)	Poles	h ref.	Domestic socket side	Palazzoli code	Pack Qty
16	230	2P+⏚	6	2 sockets 2P+⏚ 10/16A bivalent P17/11	**740002**	10
16	230	2P+⏚	6	1 socket 2P+⏚ 10/16A bivalent P17/11 + Schuko P30	**740001**	10
13	250	2P+⏚	6	standard BS1363-1995	**740003**	10



System adaptors
with S17 domestic plug
and 16A industrial socket-outlet
50/60Hz IP20

Rated current (A)	Rated voltage (V)	Poles	h ref.	Domestic plug side	Palazzoli code	Pack Qty
16	230	2P+⏚	6	2P+⏚ 16A S17	**740101**	10

Dimensions on page 454

SPIN

Mobile rubber plugs and sockets for domestic installations

Body material	**Shockproof rubber Technopolymer**
Contacts material	**Brass**
Pin treatment	**Nickel plating**
Colour	**RAL 5015 Sky blue**
Protection rating	**IP44 - IP20**
Impact resistance	**IK10 (rubber)**
Resistance to abnormal heat and fire	**850°C (insert)**
Flammability class	**V-0 (insert)**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A**
Operating voltage	**250V**
Operating frequency	**50/60Hz**
Terminal type	**Screw type, direct clamping**

DIRECTIVES

2001/95/CE
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC 23-50
IEC 60884-1
IEC/EN 63000



Straight mobile domestic plug
in shockproof rubber
IP44

Rated current (A)	Rated voltage (V)	Poles	Type	Palazzoli code	Pack Qty
16	250	2P+⏚	S30	**437012**	10

Features: cable entry hole Ø 11.5 mm. IP44 with plug inserted.



90° angled mobile domestic plug
in shockproof rubber
IP44

Rated current (A)	Rated voltage (V)	Poles	Type	Palazzoli code	Pack Qty
16	250	2P+⏚	S30	**437022**	10

Features: cable entry hole Ø 11.5 mm. IP44 with plug inserted.



Straight mobile domestic socket
in shockproof rubber
for the German market
IP44

Rated current (A)	Rated voltage (V)	Poles	Type	Palazzoli code	Pack Qty
16	250	2P+⏚	P30	**433052**	10

Features: cable entry hole Ø 11.5 mm. IP44 with plug inserted.
Only suitable for markets with German standard.



Straight mobile domestic plug
in technopolymer
IP20

Rated current (A)	Rated voltage (V)	Poles	Type	Palazzoli code	Pack Qty
16	250	2P+⏚	S30	**437152**	10

Features: cable entry hole Ø 11.5 mm. IP44 with sleeve code 590021.

Technical accessories:



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Dimensions on page 455

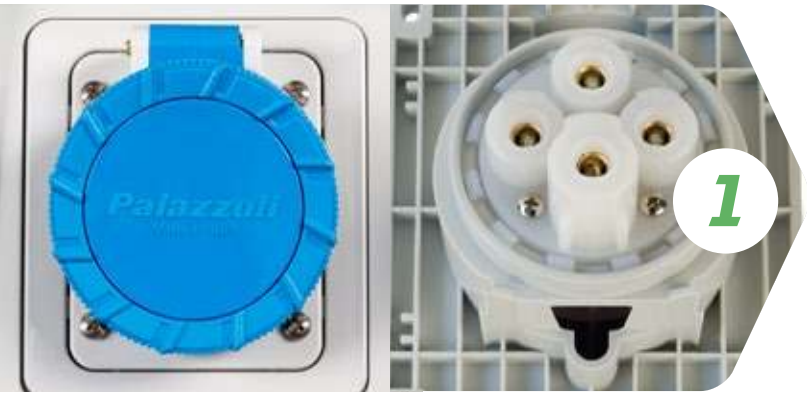
TOPTER



TOPTER

Flush- and wall-mounted fixed socket-outlets

ADVANTAGES



The flange is reinforced with ribs on the back. This enables the product to be more resistant to mechanical stress and allows for increased gasket adherence.
The IP rating is guaranteed over time.

For industrial automation applications, or in any situation where additional electrical protection is required, the sockets can be equipped with an auxiliary signalling contact, activated by plug insertion and removal.





The TOPTER system offers the possibility to complete the system with a series of DOMOTER domestic sockets that can be installed with watertight covers, even when the plug is connected.

The broad range of boxes and boards available provides the ideal solution for any installation need.



TOPTER

Flush- and wall-mounted fixed socket-outlets



Body material	**Technopolymer**
Contacts material	**Brass**
Colour	**RAL 7035 Light grey**
Protection rating	**IP44 - IP66/IP67**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**850°C (insert) 650°C (enclosure)**
Flammability class	**V-2 (insert) HB (enclosure)**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A - 63A**
Operating voltage	**110V - 440V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**
Terminal type	**Indirect clamping**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000

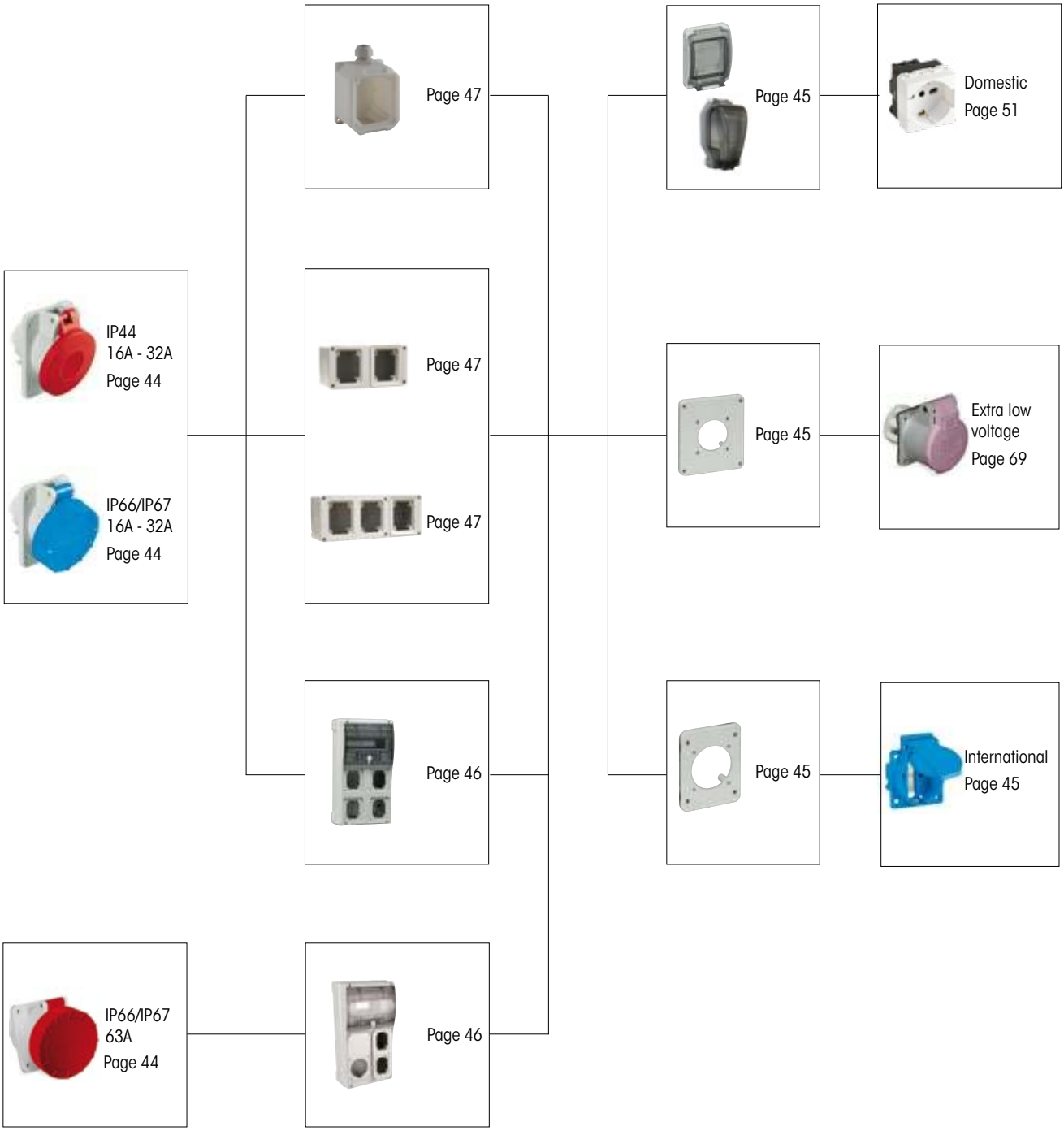
Cable features:

Rated current (A)	Poles	Wall-mounted socket-outlets entry threading	Wall-mounted socket-outlets entry cable diameter (mm)	Entry cable cross-section (mm^2)
16	2P+⏚	M25	14-18	1 - 2.5
	3P+⏚			
	3P+N+⏚			
32	2P+⏚	M25	14-18	2.5 - 6
	3P+⏚			
	3P+N+⏚			
63	2P+⏚	M40	24-28	4 - 25
	3P+⏚			
	3P+N+⏚			

TOPTER

Flush- and wall-mounted fixed socket-outlets

MODULARITY



EASY COMPOSER

Software for the design and cost estimate of distribution boards.

√ Select the distribution board
√ Compose your distribution board
√ Calculate the cost estimate
√ Download the certificates

TOPTER

Flush- and wall-mounted fixed socket-outlets

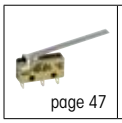


15° angled
flush-mounted socket-outlets
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65 x 83	yellow	2P+⏚	4	**488124**	1
	110	65 x 83	yellow	3P+⏚	4	**488134**	1
	110	88 x 100	yellow	3P+N+⏚	4	**488144**	1
	230	65 x 83	blue	2P+⏚	6	**488126**	10
	230	65 x 83	blue	3P+⏚	9	**488139**	1
	230	88 x 100	blue	3P+N+⏚	9	**488149**	1
	400	65 x 83	red	2P+⏚	9	**488129**	1
	400	65 x 83	red	3P+⏚	6	**488136**	10
	400	88 x 100	red	3P+N+⏚	6	**488146**	10
32	110	88 x 100	yellow	2P+⏚	4	**488224**	1
	110	88 x 100	yellow	3P+⏚	4	**488234**	1
	110	88 x 100	yellow	3P+N+⏚	4	**488244**	1
	230	88 x 100	blue	2P+⏚	6	**488226**	5
	230	88 x 100	blue	3P+⏚	9	**488239**	1
	230	88 x 100	blue	3P+N+⏚	9	**488249**	1
	400	88 x 100	red	2P+⏚	9	**488229**	1
	400	88 x 100	red	3P+⏚	6	**488236**	5
	400	88 x100	red	3P+N+⏚	6	**488246**	5

Features: 1 auxiliary contact for plug inserted signal can be fitted; flanges reinforced with ribs.

Technical accessories:


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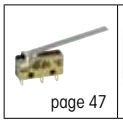
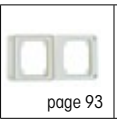
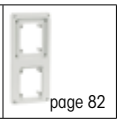


15° angled
flush-mounted socket-outlets
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65 x 83	yellow	2P+⏚	4	**489124**	1
	110	65 x 83	yellow	3P+⏚	4	**489134**	1
	110	88 x 100	yellow	3P+N+⏚	4	**489144**	1
	230	65 x 83	blue	2P+⏚	6	**489126**	10
	230	65 x 83	blue	3P+⏚	9	**489139**	1
	230	88 x 100	blue	3P+N+⏚	9	**489149**	1
	400	65 x 83	red	2P+⏚	9	**489129**	1
	400	65 x 83	red	3P+⏚	6	**489136**	10
	400	88 x 100	red	3P+N+⏚	6	**489146**	10
32	110	88 x 100	yellow	2P+⏚	4	**489224**	1
	110	88 x 100	yellow	3P+⏚	4	**489234**	1
	110	88 x 100	yellow	3P+N+⏚	4	**489244**	1
	230	88 x 100	blue	2P+⏚	6	**489226**	5
	230	88 x 100	blue	3P+⏚	9	**489239**	1
	230	88 x 100	blue	3P+N+⏚	9	**489249**	1
	400	88 x 100	red	2P+⏚	9	**489229**	1
	400	88 x 100	red	3P+⏚	6	**489236**	5
	400	88 x 100	red	3P+N+⏚	6	**489246**	5
	380/440	88 x 100	red	3P+⏚	3	**489233**	1

Features: 1 auxiliary contact for plug inserted signal can be fitted; flanges reinforced with ribs.

Technical accessories:


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15° angled
flush-mounted socket-outlets
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	230	100x100	blue	2P+⏚	6	**489326**	2
	400	100x100	red	3P+⏚	6	**489336**	2
	400	100x100	red	3P+N+⏚	6	**489346**	2

Technical accessories:


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Dimensions on page 456

Technical data on page 42

TOPTER

Flush- and wall-mounted fixed socket-outlets



Flange for mounting a fixed flush-mounted socket-outlet on a distribution board, extra low voltage IP66/IP67

Flange dimensions (mm)	Mountable sockets	Fixing holes spacing (mm)	Palazzoli code	Pack Qty
88x100	Extra low voltage CEE	41x41	**579849**	1

Equipment included: bag with 4 stainless steel screws for fixing the socket.

Technical accessories:


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Flange for mounting one 50x50 mm international domestic socket in a distribution board IP54

Flange dimensions (mm)	Mountable sockets	Fixing holes spacing (mm)	Palazzoli code	Pack Qty
65x83	panel-mounted with flange 50x50	38x38	**579848**	1

Equipment included: bag with 4 stainless steel screws for fixing the socket.



Flush-mounted international domestic sockets, dimensions 50x50 IP54

Rated current (A)	Rated voltage (V)	Standard	Flange dimensions (mm)	Nation	Palazzoli code	Pack Qty
16	250	DIN49440	50x50	Germany	**579845**	10
16	250	DIN49440	50x50	Ita/Pol/Hun	**579830**	10
13	250	BS1363	50x50	United Kingdom	**579831**	10
16	250	CEE 7/V	50x50	BE/FR/CZ	**579832**	10

Features: code 579830 with protected receptacles.



Schuko bivalent domestic socket P17/P30 with cap for distribution boards IP66

Description	Flange dimensions (mm)	Pitch	Type	Palazzoli code	Pack Qty
flange with domestic socket 2P+⏚ 10/16A 230V	65 x 83	19	P17/P30	**579840**	5

Notes: code 579840 is obtained from code 579847 + code 630052.

Technical accessories:


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Universal cap for mounting domoTER domestic sockets in a distribution board IP66

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579847**	10



Watertight cap for plugged-in plug for mounting domoTER domestic sockets in a distribution board IP66

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579860**	1

Technical accessories:


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Recommended use of cap 579860 with topTER distribution boards



TOPTER

Flush- and wall-mounted fixed socket-outlets



Distribution boards
with transparent window
for the installation of topTER devices
IP66

	Shape	Installable sockets	Max. no. with flange 65x83	Max. no. with flange 88x100	Power dissipation (W)	Palazzoli code	Pack Qty
5 modules		2	2	2	22	**579822**	1
5 modules		3	3	1	22	**579823**	1
10 modules		4	4	4*	40	**579824**	1
16 modules		6	6	6*	56	**579826**	1
22 modules		8	8	8*	70	**579828**	1

Equipment included: DIN rail kit with adjustable supports. Cable clips.
Screw cover caps for double insulation. Module cover layouts. Stainless steel screws for mounting the sockets. Finishing frames for compact socket-outlets.
Hinge kit for door opening.
1 closing flange, code 579824
2 closing flanges, code 579826
2 closing flanges, code 579828
Features: padlockable modular door. Suitable for horizontal and vertical assembly. Suitable for temporary mounting.
***Notes:** 16A 3P+N+⏚ to 32A 3P+N+⏚ socket-outlets can be mounted only in the lower compartment of the distribution board.

Technical accessories:


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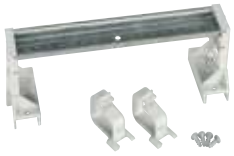
Distribution boards with transparent window for the installation of topTER devices and one 63A socket-outlet
IP66

	Shape	Installable sockets	Max. no. with flange 65x83	Max. no. with flange 88x100	Max. no. with flange 100x100	Power dissipation (W)	Palazzoli code	Pack Qty
10 modules		3	2	1	1	40	**579863**	1
16 modules		5	4	2	1	56	**579865**	1

Equipment included: DIN rail kit with adjustable supports, cable holders, screw cover caps for double insulation, module covers, hinge kit for door opening.
Stainless steel screws for mounting the sockets. Finishing frames for compact socket-outlets.
No. 1 closing flange, code 579865
Characteristics: padlockable modular door. Suitable for horizontal and vertical assembly. Suitable to temporary mounting.
Notes: 16A 3P+N+⏚ to 32A 3P+N+⏚ sockets can be mounted only in the lower compartment of the distribution board.

Technical accessories:


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DIN rail kit
for topTER distribution boards

No. of DIN modules	For distribution boards code	Palazzoli code	Pack Qty
10	579742 - 579824	**579852**	1
16	579743 - 579826	**579853**	1
22	579744 - 579828	**579854**	1

Equipment included: adjustable supports, 2 cable holders and fixing screws.
Features: allows DIN modules to be mounted behind the socket holding compartments.

TOPTER

Flush- and wall-mounted fixed socket-outlets



Back boxes
for wall-mounting
of topTER devices
IP66/IP67

Entry type	Dimensions (mm)	For flange with dimensions	Palazzoli code	Pack Qty
M25	84 x 100	65 x 83	**579750**	1
M25	106 x 128	88 x 100	**579751**	1

Equipment included: cable gland. Stainless steel screws for mounting the sockets. Finishing frames for compact socket-outlets.



Back boxes
for wall mounting
of 2 topTER devices
IP55

Dimensions (mm)	Total installable devices	Max. No. with 65x83 flange	Max. No. with 88x100 flange	Palazzoli code	Pack Qty
103x206	2	2	1	**579702**	1

Equipment included: stainless steel screws for mounting the sockets. Finishing frames for compact socket-outlets.



Back boxes
for wall mounting
of 3 topTER devices
IP55

Dimensions (mm)	Total installable devices	Max. No. with 65x83 flange	Max. No. with 88x100 flange	Palazzoli code	Pack Qty
116x291	3	3	1	**579703**	1

Equipment included: stainless steel screws for mounting the sockets. Finishing frames for compact socket-outlets.

Technical accessories:



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Closing flange for
topTER distribution boards
IP66/IP67

Flange dimensions (mm)	Palazzoli code	Pack Qty
65x83	**579843**	1
88x100	**579842**	1

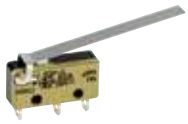
Uses: allows closing off the seats of unused sockets.



Equipotential bars
for earth connection

No. of holes	Connection Type	Palazzoli code	Pack Qty
4	M5 screws for wire ends up to 25mm2	**579013**	1
10		**579014**	1

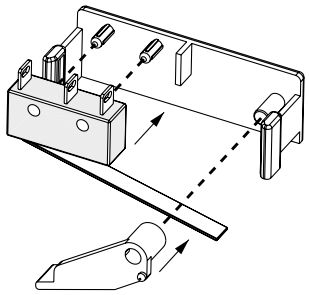
Equipment included: connection screws and fixing brackets.



NO+NC auxiliary contact
for plug inserted signalling

For sockets	Palazzoli code	Pack Qty
topTER fixed and interlocked socket-outlets	**579850**	1

Equipment included: adaptor for mounting on fixed sockets.



TOPTER

Flush- and wall-mounted fixed socket-outlets



Module covers

No. of DIN modules	For distribution boards	Palazzoli code	Pack Qty
2	all topTER, PRIMA, ULYSSE, TAIS and TAIS Cube distribution boards	**579904**	20

Uses: allows unused modules, to be covered to achieve the IP40 protection rating.



Coupling fitting
with Pg threading
for topTER distribution boards
IP66

Pg	Mounting hole (mm)	For cable Ø (mm)	Palazzoli code	Pack Qty
21	29	21	**580250**	1



Transportation handles

For distribution boards	Palazzoli code	Pack Qty
all distribution boards	**579011**	1



Pair of stainless steel plates
for wall mounting of topTER
and PRIMA distribution boards

For distribution boards	Palazzoli code	Pack Qty
all topTER and PRIMA distribution boards	**579012**	10



Universal support
for topTER, PRIMA and Energy Go
distribution boards

For distribution boards	Palazzoli code	Pack Qty
width 239 mm and above	**570010**	1

COMPACT PANEL-MOUNTED SOCKETS



15° angled
flush-mounted socket-outlets
with mini flange
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	60 x 60	yellow	2P+⏚	4	**488114**	10
	230	60 x 60	blue	2P+⏚	6	**488116**	10

Dimensions on page 456 *Technical data on page 42*

TOPTER

Flush- and wall-mounted fixed socket-outlets



15° angled
wall-mounted fixed socket-outlets
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry	110	yellow	2P+⏚	4	**438124**	1
	230	blue	2P+⏚	6	**438126**	1
	400	red	3P+⏚	6	**438136**	1
	400	red	3P+N+⏚	6	**438146**	1
32 M25 entry	110	yellow	2P+⏚	4	**438224**	1
	230	blue	2P+⏚	6	**438226**	1
	400	red	3P+⏚	6	**438236**	1
	400	red	3P+N+⏚	6	**438246**	1

Equipment included: stepped gland.



90° angled
wall-mounted socket-outlets
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry	110	yellow	2P+⏚	4	**508124**	1
	230	blue	2P+⏚	6	**508126**	1
	400	red	3P+⏚	6	**508136**	1
	400	red	3P+N+⏚	6	**508146**	1
32 M25 entry	110	yellow	2P+⏚	4	**508224**	1
	230	blue	2P+⏚	6	**508226**	1
	400	red	3P+⏚	6	**508236**	1
	400	red	3P+N+⏚	6	**508246**	1

Equipment included: stepped gland.
Features: codes 508124 and 508126 with M20 entry.



15° angled
wall-mounted fixed socket-outlets
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry	110	yellow	2P+⏚	4	**439124**	1
	230	blue	2P+⏚	6	**439126**	1
	400	red	3P+⏚	6	**439136**	1
	400	red	3P+N+⏚	6	**439146**	1
32 M25 entry	110	yellow	2P+⏚	4	**439224**	1
	230	blue	2P+⏚	6	**439226**	1
	400	red	3P+⏚	6	**439236**	1
	400	red	3P+N+⏚	6	**439246**	1
	380/440	red	3P+⏚	3	**439233**	1

Equipment included: cable gland.

Technical accessories:



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90° angled
wall-mounted socket-outlets
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry	110	yellow	2P+⏚	4	**509124**	1
	230	blue	2P+⏚	6	**509126**	1
	400	red	3P+⏚	6	**509136**	1
	400	red	3P+N+⏚	6	**509146**	1
32 M25 entry	110	yellow	2P+⏚	4	**509224**	1
	230	blue	2P+⏚	6	**509226**	1
	400	red	3P+⏚	6	**509236**	1
	400	red	3P+N+⏚	6	**509246**	1
	380/440	red	3P+⏚	3	**509233**	1
63 M40 entry	230	blue	2P+⏚	6	**509326**	1
	400	red	3P+⏚	6	**509336**	1
	400	red	3P+N+⏚	6	**509346**	1

Equipment included: cable gland.
Features: 63A socket-outlets are equipped with a double additional entry from the bottom, type M32.

DOMOTER

Modular devices for domestic use

Body material	**Thermoplastic**
Colour	**RAL 7035 Light grey**
Protection rating	**IP40 - IP55 (boxes)** **IP66 with plug plugged-in (caps)**
Glow Wire Test	**850°C (insert)** **650°C (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-15°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**10A - 13A - 15A - 16A**
Operating voltage	**250V**
Operating frequency	**50/60Hz**
Terminal type	**Screw type, indirect clamping**
Cross-section of conductors	**From 1x1 mm² to 2x2.5 mm²**

CE

DIRECTIVES

2001/95/UE (GPSD)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC 23-50
IEC 60884-1
IEC/EN 60669-1
IEC/EN 63000
BS 1363-2
NFC 61-314
NEMA 5-15 R



Wall-mounted boxes
for domoTER devices
IP40

Dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
76x82x58	1	**630001**	36
98x82x58	2	**630002**	36
120x82x58	3	**630003**	24



Wall-mounted boxes
for domoTER devices
IP55

Dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
76x82x58	1	**630011**	30
98x82x58	2	**630012**	30
120x82x58	3	**630013**	24

Technical accessories:



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Universal cap
for mounting domoTER
domestic sockets
IP66

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579847**	10



Watertight cap for plugged-in plug
for mounting domoTER
domestic sockets
IP66

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579860**	1

Technical accessories:



page 47

Dimensions from page 455 to 462

DOMOTER

Modular devices for domestic use



Support for installing domoTER devices on DIN rail

Width (mm)	No. of installable modules	Colour	Palazzoli code	Pack Qty
27 (1.5 DIN modules)	1	RAL 7035 Light grey	**630021**	20
52 (3 DIN modules)	2		**630022**	8



Domestic socket
Italian standard bivalent P11/P17

Rated current (A)	Rated voltage (V)	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
10/16	250	2P+⏚	P11/P17	1	**630050**	16

Features: shuttered receptacles.



Schuko P40 bivalent domestic socket
Italian/German standard

Rated current (A)	Rated voltage (V)	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
10/16	250	2P+⏚	P40	2	**630052**	8

Features: shuttered receptacles.



Schuko domestic socket
Italian/German standard
P30

Rated current (A)	Rated voltage (V)	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
16	250	2P+⏚	P30	2	**630051**	8

Features: shuttered receptacles.



Domestic socket
UK standard

Rated current (A)	Rated voltage (V)	No. of poles	No. of modules	Palazzoli code	Pack Qty
13	250	2P+⏚	2	**630056**	8



Domestic socket
French standard

Rated current (A)	Rated voltage (V)	No. of poles	No. of modules	Palazzoli code	Pack Qty
16	250	2P+⏚	2	**630055**	8



Domestic socket
USA American standard

Rated current (A)	Rated voltage (V)	No. of poles	No. of modules	Palazzoli code	Pack Qty
15	127	2P+⏚	1	**630058**	16

Technical data on page 50

DOMOTER

Modular devices for domestic use



Red Schuko domestic socket
Italian/German standard
P30

Rated current (A)	Rated voltage (V)	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
16	250	2P+⏚	P30	2	**630053**	8

Features: shuttered receptacles.



Red Schuko P17/P30
bivalent domestic socket
Italian/German standard

Rated current (A)	Rated voltage (V)	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
10/16	250	2P+⏚	P17/P30	2	**630054**	8

Features: shuttered receptacles.



Multifunction device, 1P or 2P switch,
1P two-way switch, NO/NC button
16A 250V

Function (mm)	No. of modules	Palazzoli code	Pack Qty
1P or 2P switch, NO 1P button or 2P two-way switch 1P, NC 1P button	1	**630030**	16

Complementary products: warning lamp code 630091.
Features: the code 630030 is made in the "NO button" configuration.

To obtain the switch and two-way switch configuration, remove the spring located underneath the key with a screwdriver and perform the wiring according to the schemes here below.





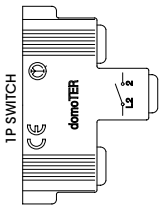
Line reversing switch
16A 250V

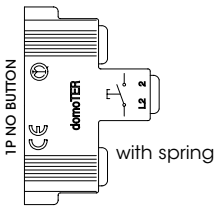
No. of poles	No. of modules	Palazzoli code	Pack Qty
1	1	**630031**	16

DIAGRAM FOR USE OF THE MULTIFUNCTION DEVICE

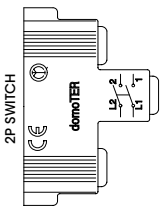
FUNCTIONS

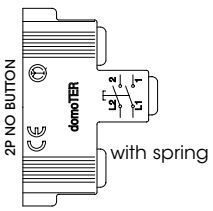
- 1P switch
- 1P NO button



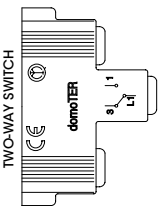


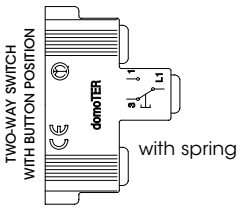
- 2P switch
- 2P NO button



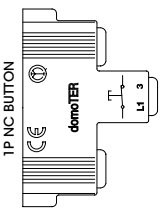


- Two-way switch
- Two-way switch with button position

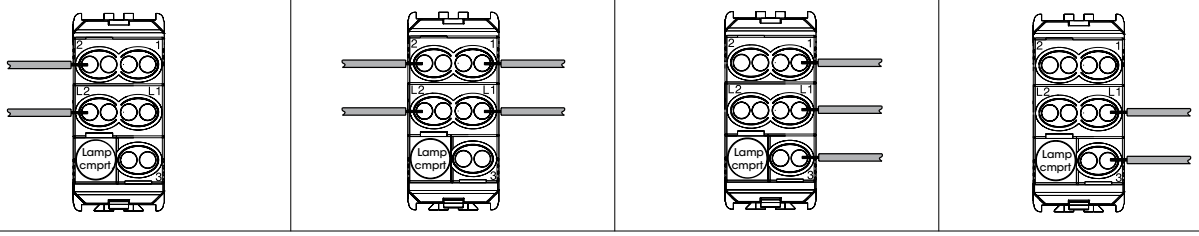




- 1P NC button



CONFIGURATION



Technical data on page 50

DOMOTER

Modular devices for domestic use



TV sockets

Standard	No. of modules	Palazzoli code	Pack Qty
TV 9.5 mm final	1	**630070**	16
TV 9.5 mm through/final	1	**630071**	16



Rj data sockets

Description	No. of modules	Palazzoli code	Pack Qty
RJ12 6/6 contacts	1	**630080**	20
RJ45 category 5E	1	**630081**	20
RJ45 category 6	1	**630082**	20



USB socket

Description	No. of modules	Palazzoli code	Pack Qty
USB 5V 2.1 A power supply	1	**630085**	4



Fuse holder
5x20 mm 10A max.

Fuse type	No. of modules	Max. rated current (A)	Palazzoli code	Pack Qty
5x20mm	1	10A	**630035**	16

Features: fuses not included.



MCB
1P+N C16A PdI 3kA

Rated current (A)	No. of modules	Palazzoli code	Pack Qty
16	1	**630036**	20



Signalling lamps
230V - 50/60Hz

Diffuser colour	No. of modules	Palazzoli code	Pack Qty
white	1	**630040**	16
red	1	**630041**	16
green	1	**630042**	16



Closing cap

Description	No. of modules	Palazzoli code	Pack Qty
closing cap	1	**630090**	100



230V warning lamp
with 100mm cable

No. of modules	Palazzoli code	Pack Qty
1	**630091**	200

Features: it can be inserted in the multifunction device code 630030 and can be used as a spare part in the domoTER signalling lamps.



Quick coupling
for domoTER boxes

Inner diameter (mm)	Fixing	Palazzoli code	Pack Qty
20	snap	**658529**	1

Equipment included: with gasket.
Uses: allows to realise multiple box compositions.

Technical data on page 50

XCEE



XCEE

Safety performance mobile plugs and socket-outlets

ADVANTAGES



1

Simplicity is found in the smart cable gland that makes XCEE suitable for all types of cables, with a versatility that is unique on the market. It can be easily closed thanks to the possibility of tightening the cable by levering with a screwdriver. The slot of the cable gland can also be used as a hook for suspension.

The comfort grip provides a comfortable and secure grip even with gloves. The smooth shape of the handle prevents liquids from stagnating.



2



3

Indirect clamping HD terminals are standard throughout the range. They guarantee the integrity of the cables for an even passage of current and prevent overheating and cable breakage.

The XCEE series is perfectly compatible with the TAIS series. This feature significantly facilitates the integration of Palazzoli's installations with convenience.



4

XCEE

Safety performance mobile plugs and socket-outlets



Body material	**Technopolymer**
Pin treatment	**Nickel plating**
Colour	**Grey RAL 7046 RAL 5015 Sky blue**
Protection rating	**IP66/IP67**
Additional IP rating	**IP68/IP69**
Impact resistance	**IK10**
Resistance to abnormal heat and fire	**960°C (insert) 850°C (enclosure)**
Flammability class	**V-0 (insert) V-2 (enclosure)**
Ambient operating temperature	**-40°C - +60°C**
Ambient storage temperature	**-50°C - +90°C**
Rated current	**16A - 32A - 63A - 125A**
Operating voltage	**50V - 690V (1000V on request for 63A and 125A)**
Insulation voltage	**690V (16A - 32A) 1000V (63A - 125A)**
Operating frequency	**0-50Hz - 500Hz**
Terminal type	**Screw type, indirect clamping**

Protection ratings:

IPX8	protected against the effects of continuous immersion (> 1 m and/or > 30 min)
IPX9	protected against high pressure and high temperature jets

Cable features:

Rated current (A)	Poles	Entry cable diameter (mm)	Cable cross-section range (mm²)
16	2P+⏚	6.3 - 18	1 - 10
	3P+⏚		
	3P+N+⏚	11 - 23	
32	2P+⏚		1 - 10
	3P+⏚		
	3P+N+⏚	13 - 27	
63	2P+⏚	14 - 36	6 - 25
	3P+⏚		
	3P+N+⏚		
125	2P+⏚	20 - 50	16 - 70
	3P+⏚		
	3P+N+⏚		

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000

ASSEMBLY INSTRUCTIONS

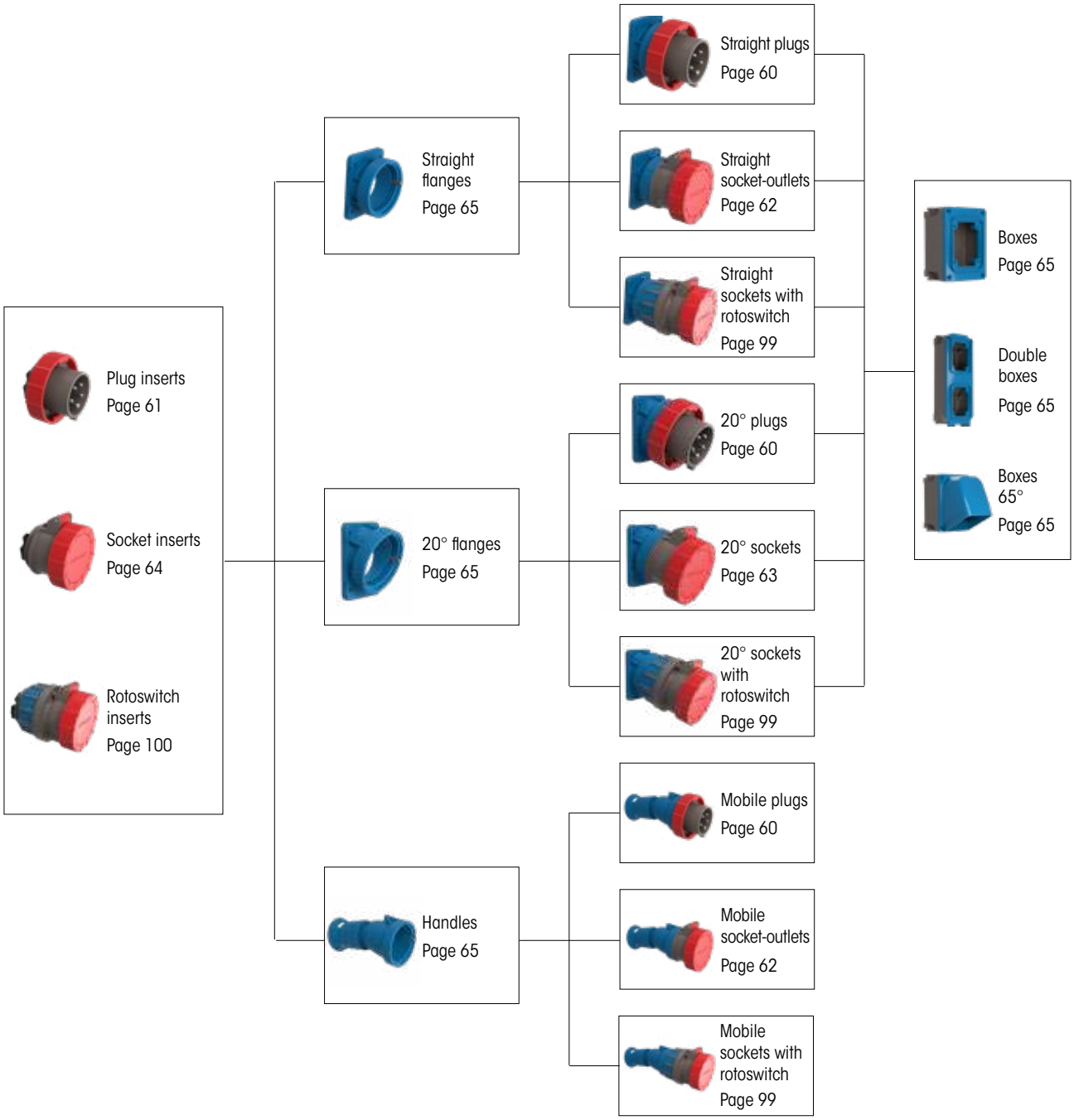


For quick and easy installation, scan the **QR code**.

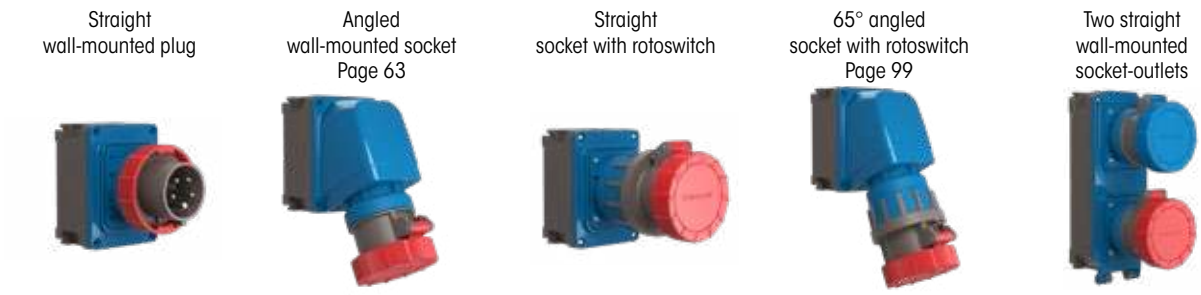
XCEE

Combinable inserts with and without rotoswitch according to IEC 60309 standards

MODULARITY



Examples of combinations



XCEE

XCEE compositions with TAIS

Rated current (A)	Rated voltage (V)	Poles	Wall-mounted single gang boxes M95	Wall-mounted single gang boxes M125	Wall-mounted double gang boxes M95	Wall-mounted double gang boxes M125	65° angled wall-mounted boxes M95	65° angled wall-mounted boxes M125	TAIS interlocked socket-outlets M95 direct	TAIS interlocked socket-outlets M125 direct	TAIS interlocked socket-outlets M95 fuses	TAIS interlocked socket-outlets M125 fuses
16	230	2P+⏚	532101		532121		532131		470126		472620	
	400	3P+⏚							470136		472730	
		3P+N+⏚							470146		472830	
32	230	2P+⏚							469226		468226	
	400	3P+⏚							469236		468236	
		3P+N+⏚		532102		532122		532132		470246		472831
63	400	3P+⏚								470336		472732
		3P+N+⏚								470346		472832



Examples of combinations



XCEE

Safety performance mobile plugs and socket-outlets



Straight mobile plugs
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**760124**	1
	110	yellow	3P+⏚	4	**760134**	1
	110	yellow	3P+N+⏚	4	**760144**	1
	230	blue	2P+⏚	6	**760126**	10
	230	blue	3P+⏚	9	**760139**	1
	230	blue	3P+N+⏚	9	**760149**	1
	400	red	2P+⏚	9	**760129**	1
	400	red	3P+⏚	6	**760136**	10
	400	red	3P+N+⏚	6	**760146**	10
	500	black	3P+⏚	7	**760137**	1
	500	black	3P+N+⏚	7	**760147**	1
32	110	yellow	2P+⏚	4	**760224**	1
	110	yellow	3P+⏚	4	**760234**	1
	110	yellow	3P+N+⏚	4	**760244**	1
	230	blue	2P+⏚	6	**760226**	1
	230	blue	3P+⏚	9	**760239**	1
	230	blue	3P+N+⏚	9	**760249**	1
	400	red	2P+⏚	9	**760229**	1
	400	red	3P+⏚	6	**760236**	5
	400	red	3P+N+⏚	6	**760246**	5
	500	black	3P+⏚	7	**760237**	1
	500	black	3P+N+⏚	7	**760247**	1
	380-440	red	3P+⏚	3	**760233**	1
63	110	yellow	2P+⏚	4	**760324**	1
	110	yellow	3P+⏚	4	**760334**	1
	110	yellow	3P+N+⏚	4	**760344**	1
	230	blue	2P+⏚	6	**760326**	1
	230	blue	3P+⏚	9	**760339**	1
	230	blue	3P+N+⏚	9	**760349**	1
	400	red	2P+⏚	9	**760329**	1
	400	red	3P+⏚	6	**760336**	1
	400	red	3P+N+⏚	6	**760346**	1
	500	black	3P+⏚	7	**760337**	1
	500	black	3P+N+⏚	7	**760347**	1
125	110	yellow	3P+⏚	4	**760434**	1
	110	yellow	3P+N+⏚	4	**760444**	1
	230	blue	3P+⏚	9	**760439**	1
	230	blue	3P+N+⏚	9	**760449**	1
	400	red	3P+⏚	6	**760436**	1
	400	red	3P+N+⏚	6	**760446**	1
	500	black	3P+⏚	7	**760437**	1
	500	black	3P+N+⏚	7	**760447**	1

Features: the plugs are designed to allow for padlocking, either in a stand-alone fashion or connected to sockets. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.



Watertight caps for plugs
IP67

Rated current (A)	Poles	Palazzoli code	Pack Qty
16	2P+ ⏚	**476903**	1
	3P+ ⏚	**476913**	1
	3P+N+ ⏚	**476923**	10
32	2P+ ⏚ / 3P+ ⏚	**476905**	10
	3P+N+ ⏚	**476925**	10
63	2P+ ⏚ / 3P+ ⏚ / 3P+N+ ⏚	**476907**	1
125	2P+ ⏚ / 3P+ ⏚ / 3P+N+ ⏚	**476909**	1

Features: ensures the IP67 protection rating when the plug is not in use.



Straight panel-mounted inlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65x83	yellow	2P+⏚	4	**762124**	1
	230	65x83	blue	2P+⏚	6	**762126**	1
	400	65x83	red	3P+⏚	6	**762136**	1
	400	65x83	red	3P+N+⏚	6	**762146**	1
32	110	65x83	yellow	2P+⏚	4	**762224**	1
	230	65x83	blue	2P+⏚	6	**762226**	1
	400	65x83	red	3P+⏚	6	**762236**	1
	400	100x108	red	3P+N+⏚	6	**762246**	1
63	400	100x108	red	3P+⏚	6	**762336**	1
	400	100x108	red	3P+N+⏚	6	**762346**	1
125	400	114x114	red	3P+⏚	6	**762436**	1
	400	114x114	red	3P+N+⏚	6	**762446**	1



20° angled
panel-mounted inlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Flange dimensions	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65x83	yellow	2P+⏚	4	**763124**	1
	230	65x83	blue	2P+⏚	6	**763126**	1
	400	65x83	red	3P+⏚	6	**763136**	1
	400	65x83	red	3P+N+⏚	6	**763146**	1
32	110	65x83	yellow	2P+⏚	4	**763224**	1
	230	65x83	blue	2P+⏚	6	**763226**	1
	400	65x83	red	3P+⏚	6	**763236**	1
	400	100x108	red	3P+N+⏚	6	**763246**	1
63	400	100x108	red	3P+⏚	6	**763336**	1
	400	100x108	red	3P+N+⏚	6	**763346**	1
125	400	114x114	red	3P+⏚	6	**763436**	1
	400	114x114	red	3P+N+⏚	6	**763446**	1



65° angled
wall-mounted inlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**766124**	1
	230	blue	2P+⏚	6	**766126**	1
	400	red	3P+⏚	6	**766136**	1
	400	red	3P+N+⏚	6	**766146**	1
32	110	yellow	2P+⏚	4	**766224**	1
	230	blue	2P+⏚	6	**766226**	1
	400	red	3P+⏚	6	**766236**	1
	400	red	3P+N+⏚	6	**766246**	1
63	400	red	3P+⏚	6	**766336**	1
	400	red	3P+N+⏚	6	**766346**	1
125	400	red	3P+⏚	6	**766436***	1
	400	red	3P+N+⏚	6	**766446***	1

Common features: the plugs are designed to allow for padlocking, either in a stand-alone fashion or connected to sockets. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.
***Notes:** 125A plugs, 80° angled.

Dimensions on page 458 *Technical data on page 56*

XCEE

Safety performance mobile plugs and socket-outlets



Inlets
IP66/IP67/IP68/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	110	yellow	2P+⏚	4	**769124**	1
	50/60Hz	110	yellow	3P+⏚	4	**769134**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**769144**	1
	50/60Hz	220	blue	2P+⏚	6	**769126**	1
	50/60Hz	220	blue	3P+⏚	9	**769139**	1
	50/60Hz	220	blue	3P+N+⏚	9	**769149**	1
	50/60Hz	400	red	2P+⏚	9	**769129**	1
	50/60Hz	400	red	3P+⏚	6	**769136**	1
	50/60Hz	400	red	3P+N+⏚	6	**769146**	1
	50/60Hz	500	black	2P+⏚	7	**769127**	1
	50/60Hz	500	black	3P+⏚	7	**769137**	1
	50/60Hz	500	black	3P+N+⏚	7	**769147**	1
	50/60Hz	690	black	3P+⏚	5	**769135**	1
	50/60Hz	690	black	3P+N+⏚	5	**769145**	1
	DC	>250	grey	2P+⏚	8	**769121**	1
	100-300Hz	>50	green	2P+⏚	10	**769120**	1
	100-300Hz	>50	green	3P+⏚	10	**769130**	1
	100-300Hz	>50	green	3P+N+⏚	10	**769140**	1
	60Hz	440-460	red	3P+⏚	11	**769131**	1
	60Hz	440-460	red	3P+N+⏚	11	**769141**	1
	50/60Hz	>50	grey	2P+⏚	12	**769128**	1
	50/60Hz	>50	grey	3P+⏚	12	**769138**	1
	300/500Hz	>50	green	2P+⏚	2	**769122**	1
	300/500Hz	>50	green	3P+⏚	2	**769132**	1
	300/500Hz	>50	green	3P+N+⏚	2	**769142**	1
	DC	>50-250	grey	2P+⏚	3	**769123**	1
	50/60Hz	380-440	red	3P+⏚	3	**769133**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**769143**	1
32	50/60Hz	110	yellow	2P+⏚	4	**769224**	1
	50/60Hz	110	yellow	3P+⏚	4	**769234**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**769244**	1
	50/60Hz	220	blue	2P+⏚	6	**769226**	1
	50/60Hz	220	blue	3P+⏚	9	**769239**	1
	50/60Hz	220	blue	3P+N+⏚	9	**769249**	1
	50/60Hz	400	red	2P+⏚	9	**769229**	1
	50/60Hz	400	red	3P+⏚	6	**769236**	1
	50/60Hz	400	red	3P+N+⏚	6	**769246**	1
	50/60Hz	500	black	2P+⏚	7	**769227**	1
	50/60Hz	500	black	3P+⏚	7	**769237**	1
	50/60Hz	500	black	3P+N+⏚	7	**769247**	1
	50/60Hz	690	black	3P+⏚	5	**769235**	1
	50/60Hz	690	black	3P+N+⏚	5	**769245**	1
	DC	>250	grey	2P+⏚	8	**769221**	1
	100-300Hz	>50	green	2P+⏚	10	**769220**	1
	100-300Hz	>50	green	3P+⏚	10	**769230**	1
	100-300Hz	>50	green	3P+N+⏚	10	**769240**	1
	60Hz	440-460	red	3P+⏚	11	**769231**	1
	60Hz	440-460	red	3P+N+⏚	11	**769241**	1
	50/60Hz	>50	grey	2P+⏚	12	**769228**	1
	50/60Hz	>50	grey	3P+⏚	12	**769238**	1
	300/500Hz	>50	green	2P+⏚	2	**769222**	1
	300/500Hz	>50	green	3P+⏚	2	**769232**	1
	300/500Hz	>50	green	3P+N+⏚	2	**769242**	1
	DC	>50-250	grey	2P+⏚	3	**769223**	1
	50/60Hz	380-440	red	3P+⏚	3	**769233**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**769243**	1

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	50/60Hz	110	yellow	2P+⏚	4	**769324**	1
	50/60Hz	110	yellow	3P+⏚	4	**769334**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**769344**	1
	50/60Hz	220	blue	2P+⏚	6	**769326**	1
	50/60Hz	220	blue	3P+⏚	9	**769339**	1
	50/60Hz	220	blue	3P+N+⏚	9	**769349**	1
	50/60Hz	400	red	2P+⏚	9	**769329**	1
	50/60Hz	400	red	3P+⏚	6	**769336**	1
	50/60Hz	400	red	3P+N+⏚	6	**769346**	1
	50/60Hz	500	black	2P+⏚	7	**769327**	1
	50/60Hz	500	black	3P+⏚	7	**769337**	1
	50/60Hz	500	black	3P+N+⏚	7	**769347**	1
	50/60Hz	690	black	3P+⏚	5	**769335**	1
	50/60Hz	690	black	3P+N+⏚	5	**769345**	1
	DC	>250	grey	2P+⏚	8	**769321**	1
	100-300Hz	>50	green	2P+⏚	10	**769320**	1
	100-300Hz	>50	green	3P+⏚	10	**769330**	1
	100-300Hz	>50	green	3P+N+⏚	10	**769340**	1
	60Hz	440-460	red	3P+⏚	11	**769331**	1
	60Hz	440-460	red	3P+N+⏚	11	**769341**	1
	50/60Hz	>50	grey	2P+⏚	12	**769328**	1
	50/60Hz	>50	grey	3P+⏚	12	**769338**	1
	300/500Hz	>50	green	2P+⏚	2	**769322**	1
	300/500Hz	>50	green	3P+⏚	2	**769332**	1
	300/500Hz	>50	green	3P+N+⏚	2	**769342**	1
	DC	>50-250	grey	2P+⏚	3	**769323**	1
	50/60Hz	380-440	red	3P+⏚	3	**769333**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**769343**	1
125	50/60Hz	110	yellow	2P+⏚	4	**769424**	1
	50/60Hz	110	yellow	3P+⏚	4	**769434**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**769444**	1
	50/60Hz	220	blue	2P+⏚	6	**769426**	1
	50/60Hz	220	blue	3P+⏚	9	**769439**	1
	50/60Hz	220	blue	3P+N+⏚	9	**769449**	1
	50/60Hz	400	red	2P+⏚	9	**769429**	1
	50/60Hz	400	red	3P+⏚	6	**769436**	1
	50/60Hz	400	red	3P+N+⏚	6	**769446**	1
	50/60Hz	500	black	2P+⏚	7	**769427**	1
	50/60Hz	500	black	3P+⏚	7	**769437**	1
	50/60Hz	500	black	3P+N+⏚	7	**769447**	1
	50/60Hz	690	black	3P+⏚	5	**769435**	1
	50/60Hz	690	black	3P+N+⏚	5	**769445**	1
	DC	>250	grey	2P+⏚	8	**769421**	1
	100-300Hz	>50	green	2P+⏚	10	**769420**	1
	100-300Hz	>50	green	3P+⏚	10	**769430**	1
	100-300Hz	>50	green	3P+N+⏚	10	**769440**	1
	60Hz	440-460	red	3P+⏚	11	**769431**	1
	60Hz	440-460	red	3P+N+⏚	11	**769441**	1
	50/60Hz	>50	grey	2P+⏚	12	**769428**	1
	50/60Hz	>50	grey	3P+⏚	12	**769438**	1
	300/500Hz	>50	green	2P+⏚	2	**769422**	1
	300/500Hz	>50	green	3P+⏚	2	**769432**	1
	300/500Hz	>50	green	3P+N+⏚	2	**769442**	1
	DC	>50-250	grey	2P+⏚	3	**769423**	1
	50/60Hz	380-440	red	3P+⏚	3	**769433**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**769443**	1

Features: the plugs are designed to allow for padlocking, either in a stand-alone fashion or connected to sockets. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.

XCEE

Safety performance mobile plugs and socket-outlets



Straight mobile socket-outlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**770124**	1
	110	yellow	3P+⏚	4	**770134**	1
	110	yellow	3P+N+⏚	4	**770144**	1
	230	blue	2P+⏚	6	**770126**	10
	230	blue	3P+⏚	9	**770139**	1
	230	blue	3P+N+⏚	9	**770149**	1
	400	red	2P+⏚	9	**770129**	1
	400	red	3P+⏚	6	**770136**	10
	400	red	3P+N+⏚	6	**770146**	10
	500	black	3P+⏚	7	**770137**	1
	500	black	3P+N+⏚	7	**770147**	1
32	110	yellow	2P+⏚	4	**770224**	1
	110	yellow	3P+⏚	4	**770234**	1
	110	yellow	3P+N+⏚	4	**770244**	1
	230	blue	2P+⏚	6	**770226**	1
	230	blue	3P+⏚	9	**770239**	1
	230	blue	3P+N+⏚	9	**770249**	1
	400	red	2P+⏚	9	**770229**	1
	400	red	3P+⏚	6	**770236**	5
	400	red	3P+N+⏚	6	**770246**	5
	500	black	3P+⏚	7	**770237**	1
	500	black	3P+N+⏚	7	**770247**	1
	380-440	red	3P+⏚	3	**770233**	1
63	110	yellow	2P+⏚	4	**770324**	1
	110	yellow	3P+⏚	4	**770334**	1
	110	yellow	3P+N+⏚	4	**770344**	1
	230	blue	2P+⏚	6	**770326**	1
	230	blue	3P+⏚	9	**770339**	1
	230	blue	3P+N+⏚	9	**770349**	1
	400	red	2P+⏚	9	**770329**	1
	400	red	3P+⏚	6	**770336**	1
	400	red	3P+N+⏚	6	**770346**	1
	500	black	3P+⏚	7	**770337**	1
	500	black	3P+N+⏚	7	**770347**	1
125	110	yellow	3P+⏚	4	**770434**	1
	110	yellow	3P+N+⏚	4	**770444**	1
	230	blue	3P+⏚	9	**770439**	1
	230	blue	3P+N+⏚	9	**770449**	1
	400	red	3P+⏚	6	**770436**	1
	400	red	3P+N+⏚	6	**770446**	1
	500	black	3P+⏚	7	**770437**	1
	500	black	3P+N+⏚	7	**770447**	1

Features: the socket-outlets are designed to allow for padlocking, either in a stand-alone fashion or connected to plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.



Couplers are also available
in the interlocked version on page 99



Straight panel-mounted socket-outlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65x83	yellow	2P+⏚	4	**772124**	1
	110	65x83	yellow	3P+⏚	4	**772134**	1
	110	65x83	yellow	3P+N+⏚	4	**772144**	1
	230	65x83	blue	2P+⏚	6	**772126**	10
	230	65x83	blue	3P+⏚	9	**772139**	1
	230	65x83	blue	3P+N+⏚	9	**772149**	1
	400	65x83	red	2P+⏚	9	**772129**	1
	400	65x83	red	3P+⏚	6	**772136**	1
	400	65x83	red	3P+N+⏚	6	**772146**	1
	500	65x83	black	3P+⏚	7	**772137**	1
	500	65x83	black	3P+N+⏚	7	**772147**	1
32	110	65x83	yellow	2P+⏚	4	**772224**	1
	110	65x83	yellow	3P+⏚	4	**772234**	1
	110	100x108	yellow	3P+N+⏚	4	**772244**	1
	230	65x83	blue	2P+⏚	6	**772226**	1
	230	65x83	blue	3P+⏚	9	**772239**	1
	230	100x108	blue	3P+N+⏚	9	**772249**	1
	400	65x83	red	2P+⏚	9	**772229**	1
	400	65x83	red	3P+⏚	6	**772236**	1
	400	100x108	red	3P+N+⏚	6	**772246**	1
	500	65x83	black	3P+⏚	7	**772237**	1
	500	100x108	black	3P+N+⏚	7	**772247**	1
	380-440	65x83	red	3P+⏚	3	**772233**	1
63	110	100x108	yellow	2P+⏚	4	**772324**	1
	110	100x108	yellow	3P+⏚	4	**772334**	1
	110	100x108	yellow	3P+N+⏚	4	**772344**	1
	230	100x108	blue	2P+⏚	6	**772326**	1
	230	100x108	blue	3P+⏚	9	**772339**	1
	230	100x108	blue	3P+N+⏚	9	**772349**	1
	400	100x108	red	2P+⏚	9	**772329**	1
	400	100x108	red	3P+⏚	6	**772336**	1
	400	100x108	red	3P+N+⏚	6	**772346**	1
	500	100x108	black	3P+⏚	7	**772337**	1
	500	100x108	black	3P+N+⏚	7	**772347**	1
125	110	114x114	yellow	3P+⏚	4	**772434**	1
	110	114x114	yellow	3P+N+⏚	4	**772444**	1
	230	114x114	blue	3P+⏚	9	**772439**	1
	230	114x114	blue	3P+N+⏚	9	**772449**	1
	400	114x114	red	3P+⏚	6	**772436**	1
	400	114x114	red	3P+N+⏚	6	**772446**	1
	500	114x114	black	3P+⏚	7	**772437**	1
	500	114x114	black	3P+N+⏚	7	**772447**	1

Features: the socket-outlets are designed to allow for padlocking, either in a stand-alone fashion or connected to plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.



Straight panel-mounted socket-outlets are also available
in the interlocked version on page 99

Dimensions on page 458 *Technical data on page 56*

XCEE

Safety performance mobile plugs and socket-outlets



20° angled
panel-mounted socket-outlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65x83	yellow	2P+⏚	4	**773124**	1
	110	65x83	yellow	3P+⏚	4	**773134**	1
	110	65x83	yellow	3P+N+⏚	4	**773144**	1
	230	65x83	blue	2P+⏚	6	**773126**	10
	230	65x83	blue	3P+⏚	9	**773139**	1
	230	65x83	blue	3P+N+⏚	9	**773149**	1
	400	65x83	red	2P+⏚	9	**773129**	1
	400	65x83	red	3P+⏚	6	**773136**	1
	400	65x83	red	3P+N+⏚	6	**773146**	1
	500	65x83	black	3P+⏚	7	**773137**	1
	500	65x83	black	3P+N+⏚	7	**773147**	1
32	110	65x83	yellow	2P+⏚	4	**773224**	1
	110	65x83	yellow	3P+⏚	4	**773234**	1
	110	100x108	yellow	3P+N+⏚	4	**773244**	1
	230	65x83	blue	2P+⏚	6	**773226**	1
	230	65x83	blue	3P+⏚	9	**773239**	1
	230	100x108	blue	3P+N+⏚	9	**773249**	1
	400	65x83	red	2P+⏚	9	**773229**	1
	400	65x83	red	3P+⏚	6	**773236**	1
	400	100x108	red	3P+N+⏚	6	**773246**	1
	500	65x83	black	3P+⏚	7	**773237**	1
	500	100x108	black	3P+N+⏚	7	**773247**	1
	380-440	65x83	red	3P+⏚	3	**773233**	1
63	110	100x108	yellow	2P+⏚	4	**773324**	1
	110	100x108	yellow	3P+⏚	4	**773334**	1
	110	100x108	yellow	3P+N+⏚	4	**773344**	1
	230	100x108	blue	2P+⏚	6	**773326**	1
	230	100x108	blue	3P+⏚	9	**773339**	1
	230	100x108	blue	3P+N+⏚	9	**773349**	1
	400	100x108	red	2P+⏚	9	**773329**	1
	400	100x108	red	3P+⏚	6	**773336**	1
	400	100x108	red	3P+N+⏚	6	**773346**	1
	500	100x108	black	3P+⏚	7	**773337**	1
	500	100x108	black	3P+N+⏚	7	**773347**	1
125	110	114x114	yellow	3P+⏚	4	**773434**	1
	110	114x114	yellow	3P+N+⏚	4	**773444**	1
	230	114x114	blue	3P+⏚	9	**773439**	1
	230	114x114	blue	3P+N+⏚	9	**773449**	1
	400	114x114	red	3P+⏚	6	**773436**	1
	400	114x114	red	3P+N+⏚	6	**773446**	1
	500	114x114	black	3P+⏚	7	**773437**	1
	500	114x114	black	3P+N+⏚	7	**773447**	1

Features: the socket-outlets are designed to allow for padlocking, either in a stand-alone fashion or connected to plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.



65° angled
wall-mounted socket-outlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**776124**	1
	110	yellow	3P+⏚	4	**776134**	1
	110	yellow	3P+N+⏚	4	**776144**	1
	230	blue	2P+⏚	6	**776126**	1
	230	blue	3P+⏚	9	**776139**	1
	230	blue	3P+N+⏚	9	**776149**	1
	400	red	2P+⏚	9	**776129**	1
	400	red	3P+⏚	6	**776136**	1
	400	red	3P+N+⏚	6	**776146**	1
	500	black	3P+⏚	7	**776137**	1
	500	black	3P+N+⏚	7	**776147**	1
32	110	yellow	2P+⏚	4	**776224**	1
	110	yellow	3P+⏚	4	**776234**	1
	110	yellow	3P+N+⏚	4	**776244**	1
	230	blue	2P+⏚	6	**776226**	1
	230	blue	3P+⏚	9	**776239**	1
	230	blue	3P+N+⏚	9	**776249**	1
	400	red	2P+⏚	9	**776229**	1
	400	red	3P+⏚	6	**776236**	1
	400	red	3P+N+⏚	6	**776246**	1
	500	black	3P+⏚	7	**776237**	1
	500	black	3P+N+⏚	7	**776247**	1
	380-440	red	3P+⏚	3	**776233**	1
63	110	yellow	2P+⏚	4	**776324**	1
	110	yellow	3P+⏚	4	**776334**	1
	110	yellow	3P+N+⏚	4	**776344**	1
	230	blue	2P+⏚	6	**776326**	1
	230	blue	3P+⏚	9	**776339**	1
	230	blue	3P+N+⏚	9	**776349**	1
	400	red	2P+⏚	9	**776329**	1
	400	red	3P+⏚	6	**776336**	1
	400	red	3P+N+⏚	6	**776346**	1
	500	black	3P+⏚	7	**776337**	1
	500	black	3P+N+⏚	7	**776347**	1
125	110	yellow	3P+⏚	4	**776434**	1
	110	yellow	3P+N+⏚	4	**776444**	1
	230	blue	3P+⏚	9	**776439**	1
	230	blue	3P+N+⏚	9	**776449**	1
	400	red	3P+⏚	6	**776436**	1
	400	red	3P+N+⏚	6	**776446**	1
	500	black	3P+⏚	7	**776437**	1
	500	black	3P+N+⏚	7	**776447**	1

Features: the socket-outlets are designed to allow for padlocking, either in a stand-alone fashion or connected to plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.
Notes: 125A socket-outlets, 80° angled.



The 20° angled panel-mounted socket-outlets are also available in the interlocked version on page 99



The 65° angled wall-mounted socket-outlets are also available in the interlocked version on page 99

XCEE

Safety performance mobile plugs and socket-outlets



Combinable socket inserts
IP66/IP67/IP68/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	110	yellow	2P+⏚	4	**779124**	1
	50/60Hz	110	yellow	3P+⏚	4	**779134**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**779144**	1
	50/60Hz	220	blue	2P+⏚	6	**779126**	1
	50/60Hz	220	blue	3P+⏚	9	**779139**	1
	50/60Hz	220	blue	3P+N+⏚	9	**779149**	1
	50/60Hz	400	red	2P+⏚	9	**779129**	1
	50/60Hz	400	red	3P+⏚	6	**779136**	1
	50/60Hz	400	red	3P+N+⏚	6	**779146**	1
	50/60Hz	500	black	2P+⏚	7	**779127**	1
	50/60Hz	500	black	3P+⏚	7	**779137**	1
	50/60Hz	500	black	3P+N+⏚	7	**779147**	1
	50/60Hz	690	black	3P+⏚	5	**779135**	1
	50/60Hz	690	black	3P+N+⏚	5	**779145**	1
	DC	>250	grey	2P+⏚	8	**779121**	1
	100-300Hz	>50	green	2P+⏚	10	**779120**	1
	100-300Hz	>50	green	3P+⏚	10	**779130**	1
	100-300Hz	>50	green	3P+N+⏚	10	**779140**	1
	60Hz	440-460	red	3P+⏚	11	**779131**	1
	60Hz	440-460	red	3P+N+⏚	11	**779141**	1
	50/60Hz	>50	grey	2P+⏚	12	**779128**	1
	50/60Hz	>50	grey	3P+⏚	12	**779138**	1
	300/500Hz	>50	green	2P+⏚	2	**779122**	1
	300/500Hz	>50	green	3P+⏚	2	**779132**	1
	300/500Hz	>50	green	3P+N+⏚	2	**779142**	1
	DC	>50-250	grey	2P+⏚	3	**779123**	1
	50/60Hz	380-440	red	3P+⏚	3	**779133**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**779143**	1
32	50/60Hz	110	yellow	2P+⏚	4	**779224**	1
	50/60Hz	110	yellow	3P+⏚	4	**779234**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**779244**	1
	50/60Hz	220	blue	2P+⏚	6	**779226**	1
	50/60Hz	220	blue	3P+⏚	9	**779239**	1
	50/60Hz	220	blue	3P+N+⏚	9	**779249**	1
	50/60Hz	400	red	2P+⏚	9	**779229**	1
	50/60Hz	400	red	3P+⏚	6	**779236**	1
	50/60Hz	400	red	3P+N+⏚	6	**779246**	1
	50/60Hz	500	black	2P+⏚	7	**779227**	1
	50/60Hz	500	black	3P+⏚	7	**779237**	1
	50/60Hz	500	black	3P+N+⏚	7	**779247**	1
	50/60Hz	690	black	3P+⏚	5	**779235**	1
	50/60Hz	690	black	3P+N+⏚	5	**779245**	1
	DC	>250	grey	2P+⏚	8	**779221**	1
	100-300Hz	>50	green	2P+⏚	10	**779220**	1
	100-300Hz	>50	green	3P+⏚	10	**779230**	1
	100-300Hz	>50	green	3P+N+⏚	10	**779240**	1
	60Hz	440-460	red	3P+⏚	11	**779231**	1
	60Hz	440-460	red	3P+N+⏚	11	**779241**	1
	50/60Hz	>50	grey	2P+⏚	12	**779228**	1
	50/60Hz	>50	grey	3P+⏚	12	**779238**	1
	300/500Hz	>50	green	2P+⏚	2	**779222**	1
	300/500Hz	>50	green	3P+⏚	2	**779232**	1
	300/500Hz	>50	green	3P+N+⏚	2	**779242**	1
	DC	>50-250	grey	2P+⏚	3	**779223**	1
	50/60Hz	380-440	red	3P+⏚	3	**779233**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**779243**	1

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	50/60Hz	110	yellow	2P+⏚	4	**779324**	1
	50/60Hz	110	yellow	3P+⏚	4	**779334**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**779344**	1
	50/60Hz	220	blue	2P+⏚	6	**779326**	1
	50/60Hz	220	blue	3P+⏚	9	**779339**	1
	50/60Hz	220	blue	3P+N+⏚	9	**779349**	1
	50/60Hz	400	red	2P+⏚	9	**779329**	1
	50/60Hz	400	red	3P+⏚	6	**779336**	1
	50/60Hz	400	red	3P+N+⏚	6	**779346**	1
	50/60Hz	500	black	2P+⏚	7	**779327**	1
	50/60Hz	500	black	3P+⏚	7	**779337**	1
	50/60Hz	500	black	3P+N+⏚	7	**779347**	1
	50/60Hz	690	black	3P+⏚	5	**779335**	1
	50/60Hz	690	black	3P+N+⏚	5	**779345**	1
	DC	>250	grey	2P+⏚	8	**779321**	1
	100-300Hz	>50	green	2P+⏚	10	**779320**	1
	100-300Hz	>50	green	3P+⏚	10	**779330**	1
	100-300Hz	>50	green	3P+N+⏚	10	**779340**	1
	60Hz	440-460	red	3P+⏚	11	**779331**	1
	60Hz	440-460	red	3P+N+⏚	11	**779341**	1
	50/60Hz	>50	grey	2P+⏚	12	**779328**	1
	50/60Hz	>50	grey	3P+⏚	12	**779338**	1
	300/500Hz	>50	green	2P+⏚	2	**779322**	1
	300/500Hz	>50	green	3P+⏚	2	**779332**	1
	300/500Hz	>50	green	3P+N+⏚	2	**779342**	1
	DC	>50-250	grey	2P+⏚	3	**779323**	1
	50/60Hz	380-440	red	3P+⏚	3	**779333**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**779343**	1
125	50/60Hz	110	yellow	2P+⏚	4	**779424**	1
	50/60Hz	110	yellow	3P+⏚	4	**779434**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**779444**	1
	50/60Hz	220	blue	2P+⏚	6	**779426**	1
	50/60Hz	220	blue	3P+⏚	9	**779439**	1
	50/60Hz	220	blue	3P+N+⏚	9	**779449**	1
	50/60Hz	400	red	2P+⏚	9	**779429**	1
	50/60Hz	400	red	3P+⏚	6	**779436**	1
	50/60Hz	400	red	3P+N+⏚	6	**779446**	1
	50/60Hz	500	black	2P+⏚	7	**779427**	1
	50/60Hz	500	black	3P+⏚	7	**779437**	1
	50/60Hz	500	black	3P+N+⏚	7	**779447**	1
	50/60Hz	690	black	3P+⏚	5	**779435**	1
	50/60Hz	690	black	3P+N+⏚	5	**779445**	1
	DC	>250	grey	2P+⏚	8	**779421**	1
	100-300Hz	>50	green	2P+⏚	10	**779420**	1
	100-300Hz	>50	green	3P+⏚	10	**779430**	1
	100-300Hz	>50	green	3P+N+⏚	10	**779440**	1
	60Hz	440-460	red	3P+⏚	11	**779431**	1
	60Hz	440-460	red	3P+N+⏚	11	**779441**	1
	50/60Hz	>50	grey	2P+⏚	12	**779428**	1
	50/60Hz	>50	grey	3P+⏚	12	**779438**	1
	300/500Hz	>50	green	2P+⏚	2	**779422**	1
	300/500Hz	>50	green	3P+⏚	2	**779432**	1
	300/500Hz	>50	green	3P+N+⏚	2	**779442**	1
	DC	>50-250	grey	2P+⏚	3	**779423**	1
	50/60Hz	380-440	red	3P+⏚	3	**779433**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**779443**	1

Features: the socket-outlets are designed to allow for padlocking, either in a stand-alone fashion or connected to plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.

Dimensions on pages 459 *Technical data on page 56*

XCEE

Safety performance mobile plugs and socket-outlets



Handles for inserts
IP66/IP67/IP68/IP69

Rated current (A)	Poles	Entry cable diameter (mm)	Palazzoli code	Pack Qty
16	2P+⏚	6.3 - 18	**419001**	5
	3P+⏚	6.3 - 18	**419002**	5
	3P+N+⏚	9 - 23	**419003**	5
32	2P+⏚ / 3P+⏚	9 - 23		
	3P+N+⏚	13 - 27	**419004**	5
63	2P+⏚ / 3P+⏚ / 3P+N+⏚	14 - 36	**419005**	5
125	2P+⏚ / 3P+⏚ / 3P+N+⏚	16 - 50	**419006**	5



Straight panel-mounted flanges
for inserts
IP66/IP67/IP68/IP69

Rated current (A)	Poles	Flange dimensions (mm)	Palazzoli code	Pack Qty
16	2P+⏚	65x83	**419021**	5
	3P+⏚	65x83	**419022**	5
	3P+N+⏚	65x83	**419023**	5
32	2P+⏚ / 3P+⏚	65x83		
	3P+N+⏚	100x108	**419024**	5
63	2P+⏚ / 3P+⏚ / 3P+N+⏚	100 x 108	**419025**	5
125	2P+⏚ / 3P+⏚ / 3P+N+⏚	114x114	**419026**	5



20° angled panel-mounted flanges
for inserts
IP66/IP67/IP68/IP69

Rated current (A)	Poles	Flange dimensions (mm)	Palazzoli code	Pack Qty
16	2P+⏚	65x83	**419031**	5
	3P+⏚	65x83	**419032**	5
	3P+N+⏚	65x83	**419033**	5
32	2P+⏚ / 3P+⏚	65x83		
	3P+N+⏚	100x108	**419034**	5
63	2P+⏚ / 3P+⏚ / 3P+N+⏚	100x108	**419035**	5
125	2P+⏚ / 3P+⏚ / 3P+N+⏚	114x114	**419036**	5



65° angled wall-mounted modular boxes
with TAIS system
for panel-mounted devices
IP66/IP67/IP68/IP69

Rated current (A)	For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
16-32	65x83	92x125	**532131**	1
32-63	100x108	125x185	**532132**	1
125	114x114		**532133***	1

***Notes:** 80° angled box.



Wall-mounted modular boxes
with TAIS system
for panel-mounted devices
IP66/IP67/IP68/IP69

Rated current (A)	For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
16-32	65x83	92x125	**532101**	1
32-63	100x108	125x185	**532102**	1
125	114x114		**532103**	1



Wall-mounted modular boxes
with TAIS system
for 2 panel-mounted devices
IP66/IP67/IP68/IP69

Rated current (A)	For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
16-32	2x(65x83)	92x255	**532121**	1
32-63 16-32-63	2x(100x108) or 1x(65x83)+1x(100x108)	125x352	**532122***	1

Equipment included: 1 blind flange.
*1 flange adaptor frame, from flange 100x108 to flange 65x83, code 532841.



Flange adaptor frame
from 100x108 flange to 65x83 flange
for wall-mounted boxes
IP66/IP67/IP68/IP69

Frame dimensions (mm)	For flange with dimensions (mm)	Palazzoli code	Pack Qty
100x108	65x83	**532841**	1



Blind flanges
for wall-mounted boxes
IP66/IP67/IP68/IP69

Flange dimensions (mm)	Palazzoli code	Pack Qty
65x83	**532843**	1
100x108	**532842**	1

CEE

Extra low voltage plugs and sockets

Body material	**Technopolymer**
Colour	**RAL 7042**
Protection rating	**IP44 - IP67**
Impact resistance	**IK07**
Resistance to abnormal heat and fire	**850°C (enclosure)** **850°C (16A/32A insert)** **960°C (63A/125A insert)**
Flammability class	**V-2 (enclosure)** **V-2 (16A/32A insert)** **V-0 (63A/125A insert)**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A - 63A - 125A**
Operating voltage	**24V - 50V**
Insulation voltage	**50V**
Operating frequency	**50/200Hz and DC**
Terminal type	**Screw type, direct clamping**

DIRECTIVES

2001/95/CE (GPSD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000

Cable features:

Rated current (A)	Poles	Entry cable diameter (mm)	Entry cable cross-section (mm^2)
16	2P	10.5 - 23	4 - 10
	3P		
32	2P		
	3P		
63	2P	16 - 31.5	4 - 16
	3P		
125	3P	24.5 - 45	6 - 50



Straight mobile plugs
extra-low voltage
IP44

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	●	2P	-	**477002**	10
	50/60Hz	24	●	3P	-	**477062**	1
	50/60Hz	42	○	2P	12	**477102**	1
	50/60Hz	42	○	3P	12	**477112**	1
	100/200Hz	24-42	●	2P	4	**477012**	1
	100/200Hz	24-42	●	3P	4	**477122**	1
	DC	24-42	○	2P	10	**477602**	1
32	50/60Hz	24	●	2P	-	**477005**	1
	50/60Hz	24	●	3P	-	**477065**	1
	50/60Hz	42	○	2P	12	**477105**	1
	50/60Hz	42	○	3P	12	**477115**	1
	100/200Hz	24-42	●	2P	4	**477015**	1
	100/200Hz	24-42	●	3P	4	**477175**	1
	DC	24-42	○	2P	10	**477605**	1



Straight mobile plugs
extra-low voltage
IP67

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	●	2P	-	**477003**	1
	50/60Hz	24	●	3P	-	**477063**	1
	50/60Hz	42	○	2P	12	**477103**	1
	50/60Hz	42	○	3P	12	**477113**	1
	100/200Hz	24-42	●	2P	4	**477013**	1
	100/200Hz	24-42	●	3P	4	**477123**	1
	DC	24-42	○	2P	10	**477603**	1
32	50/60Hz	24	●	2P	-	**477006**	1
	50/60Hz	24	●	3P	-	**477066**	1
	50/60Hz	42	○	2P	12	**477106**	1
	50/60Hz	42	○	3P	12	**477116**	1
	100/200Hz	24-42	●	2P	4	**477016**	1
	100/200Hz	24-42	●	3P	4	**477176**	1
	DC	24-42	○	2P	10	**477606**	1

Dimensions on page 461

CEE

Extra low voltage plugs and sockets



Straight mobile plugs
for high currents
extra low voltage
50/60Hz IP67

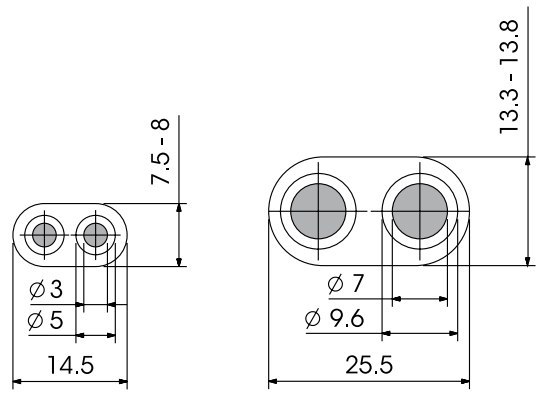
Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	48	●	2P	1	**477951**	1
	48	●	3P	1	**477952**	1
125	48	●	3P	1	**477955**	1



Straight mobile plugs
for twin cable
extra low voltage
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	48	▢	2P	12	**477107**	1
63	48	●	2P	1	**477901**	1

Characteristic dimensions of the twin cable



Cable with 6 mm² cross-section for 32A plugs

Cable with 25 mm² cross-section for 63A plugs



90° angled
wall-mounted fixed inlets
extra low voltage
IP44

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	●	2P	-	**476002**	1
	50/60Hz	24	●	3P	-	**476012**	1
	50/60Hz	42	▢	2P	12	**476102**	1
	50/60Hz	42	▢	3P	12	**476112**	1
	100/200Hz	24-42	●	2P	4	**476042**	1
	100/200Hz	24-42	●	3P	4	**476142**	1
	DC	24-42	▢	2P	10	**476602**	1
32	50/60Hz	24	●	2P	-	**476005**	1
	50/60Hz	24	●	3P	-	**476015**	1
	50/60Hz	42	▢	2P	12	**476105**	1
	50/60Hz	42	▢	3P	12	**476115**	1
	100/200Hz	24-42	●	2P	4	**476045**	1
	100/200Hz	24-42	●	3P	4	**476145**	1
	DC	24-42	▢	2P	10	**476605**	1

Equipment included: cable gland Pg21.

CEE

Extra low voltage plugs and sockets



Couplers
extra-low voltage
IP44

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	violet	2P	-	**473002**	1
	50/60Hz	24	violet	3P	-	**473062**	1
	50/60Hz	42	yellow	2P	12	**473102**	1
	50/60Hz	42	yellow	3P	12	**473112**	1
	100/200Hz	24-42	green	2P	4	**473012**	1
	100/200Hz	24-42	green	3P	4	**473122**	1
	DC	24-42	yellow	2P	10	**473602**	1
32	50/60Hz	24	violet	2P	-	**473005**	1
	50/60Hz	24	violet	3P	-	**473065**	1
	50/60Hz	42	yellow	2P	12	**473105**	1
	50/60Hz	42	yellow	3P	12	**473115**	1
	100/200Hz	24-42	green	2P	4	**473015**	1
	100/200Hz	24-42	green	3P	4	**473125**	1
	DC	24-42	yellow	2P	10	**473605**	1



Couplers
extra-low voltage
IP67

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	violet	2P	-	**473003**	1
	50/60Hz	24	violet	3P	-	**473063**	1
	50/60Hz	42	yellow	2P	12	**473103**	1
	50/60Hz	42	yellow	3P	12	**473113**	1
	100/200Hz	24-42	green	2P	4	**473013**	1
	100/200Hz	24-42	green	3P	4	**473123**	1
	DC	24-42	yellow	2P	10	**473603**	1
32	50/60Hz	24	violet	2P	-	**473006**	1
	50/60Hz	24	violet	3P	-	**473066**	1
	50/60Hz	42	yellow	2P	12	**473106**	1
	50/60Hz	42	yellow	3P	12	**473116**	1
	100/200Hz	24-42	green	2P	4	**473016**	1
	100/200Hz	24-42	green	3P	4	**473126**	1
	DC	24-42	yellow	2P	10	**473606**	1



Straight mobile socket-outlets
for high currents
extra low voltage
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	48	grey	2P	1	**473951**	1
	48	grey	3P	1	**473952**	1
125	48	grey	3P	1	**473955**	1



Straight mobile socket-outlets
for twin cable
extra low voltage
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	48	grey	2P	12	**473107**	1
63	48	grey	2P	1	**473901**	1



90° angled
wall-mounted socket-outlets
extra low voltage
IP44

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	violet	2P	-	**471002**	1
	50/60Hz	24	violet	3P	-	**471012**	1
	50/60Hz	42	yellow	2P	12	**471102**	1
	50/60Hz	42	yellow	3P	12	**471112**	1
	100/200Hz	24-42	green	2P	4	**471011**	1
	100/200Hz	24-42	green	3P	4	**471151**	1
	DC	24-42	yellow	2P	10	**471602**	1
32	50/60Hz	24	violet	2P	-	**471005**	1
	50/60Hz	24	violet	3P	-	**471015**	1
	50/60Hz	42	yellow	2P	12	**471105**	1
	50/60Hz	42	yellow	3P	12	**471115**	1
	100/200Hz	24-42	green	2P	4	**471018**	1
	100/200Hz	24-42	green	3P	4	**471019**	1
	DC	24-42	yellow	2P	10	**471605**	1

Equipment included : cable gland Pg21.

Dimensions on page 461 *Technical data on page 66*

CEE

Extra low voltage plugs and sockets



Flush-mounted
straight fixed socket-outlets
extra low voltage
IP44

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	●	2P	-	**471032**	1
	50/60Hz	24	●	3P	-	**471042**	1
	50/60Hz	42	○	2P	12	**471132**	1
	50/60Hz	42	○	3P	12	**471142**	1
	100/200Hz	24-42	●	2P	4	**471051**	1
	100/200Hz	24-42	●	3P	4	**471022**	1
	DC	24-42	○	2P	10	**471632**	1
32	50/60Hz	24	●	2P	-	**471035**	1
	50/60Hz	24	●	3P	-	**471045**	1
	50/60Hz	42	○	2P	12	**471135**	1
	50/60Hz	42	○	3P	12	**471145**	1
	100/200Hz	24-42	●	2P	4	**471108**	1
	100/200Hz	24-42	●	3P	4	**471118**	1
	DC	24-42	○	2P	10	**471635**	1



Flush-mounted
straight fixed socket-outlets
extra low voltage
IP67

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	●	2P	-	**471003**	1
	50/60Hz	24	●	3P	-	**471063**	1
	50/60Hz	42	○	2P	12	**471103**	1
	50/60Hz	42	○	3P	12	**471113**	1
	100/200Hz	24-42	●	2P	4	**471013**	1
	100/200Hz	24-42	●	3P	4	**471123**	1
	DC	24-42	○	2P	10	**471603**	1
32	50/60Hz	24	●	2P	-	**471007**	1
	50/60Hz	24	●	3P	-	**471067**	1
	50/60Hz	42	○	2P	12	**471107**	1
	50/60Hz	42	○	3P	12	**471117**	1
	100/200Hz	24-42	●	2P	4	**471017**	1
	100/200Hz	24-42	●	3P	4	**471177**	1
	DC	24-42	○	2P	10	**471607**	1



Flush-mounted
straight socket-outlets
for high currents extra low voltage
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	48	●	2P	1	**473971**	1
	48	●	3P	1	**473972**	1
125	48	●	3P	1	**473975**	1



20° angled
flush-mounted socket-outlets
extra low voltage
IP44

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	24	●	2P	-	**471062**	1
	50/60Hz	24	●	3P	-	**471072**	1
	50/60Hz	42	○	2P	12	**471162**	1
	50/60Hz	42	○	3P	12	**471172**	1
	100/200Hz	24-42	●	2P	4	**471111**	1
	100/200Hz	24-42	●	3P	4	**471122**	1
	DC	24-42	○	2P	10	**471662**	1
32	50/60Hz	24	●	2P	-	**471065**	1
	50/60Hz	24	●	3P	-	**471075**	1
	50/60Hz	42	○	2P	12	**471165**	1
	50/60Hz	42	○	3P	12	**471175**	1
	100/200Hz	24-42	●	2P	4	**471058**	1
	100/200Hz	24-42	●	3P	4	**471059**	1
	DC	24-42	○	2P	10	**471665**	1



15° angled
flush-mounted socket-outlets
for high currents extra low voltage
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	48	●	2P	1	**473961**	1
	48	●	3P	1	**473962**	1
125	48	●	3P	1	**473965**	1

ALUMAX

Plugs and sockets for high amperages

Body material	**Aluminium alloy**
Treatment of pins/ receptacles	**Silver plating**
Colour	**Natural**
Protection rating	**IP67**
Impact resistance	**IK10**
Ambient operating temperature	**-30°C - +60°C**
Ambient storage temperature	**-50°C - +90°C**
Rated current	**250A - 320A - 400A**
Operating voltage	**Up to 1000V**
Insulation voltage	**1000V**
Operating frequency	**50/60Hz**
Terminal type	**250A screw type for cable lugs 320A and 400A crimp or solder types**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 63000

Cable features:

Rated current (A)	Poles	Entry cable diameter (mm)	Entry cable cross-section (mm^2)
250	3P+⏚	21 - 42	50 - 70
	3P+N+⏚		
320	3P+⏚	38 - 62	120
	3P+N+⏚		
400	3P+⏚		150
	3P+N+⏚		



Straight mobile plugs
in aluminium alloy
for high amperages
50/60Hz IP67

Rated current (A)	Poles	No. of pilot contacts (mm^2)	Palazzoli code	Pack Qty
250	3P+⏚	2x10	**750530**	1
	3P+N+⏚	2x6	**750550**	1
320	3P+N+⏚	2x6	**750650**	1
400	3P+N+⏚	2x6	**750750**	1

Notes: up to 660A available on request.

Technical accessories:



page 140



Flush-mounted straight plugs
in aluminium alloy
for high amperages
50/60Hz IP67

Rated current (A)	Poles	No. of pilot contacts (mm^2)	Palazzoli code	Pack Qty
250	3P+⏚	2x10	**751530**	1
	3P+N+⏚	2x6	**751550**	1
320	3P+N+⏚	2x6	**751650**	1
400	3P+N+⏚	2x6	**751750**	1

Notes: up to 660A available on request.



Straight mobile socket-outlets
in aluminium alloy
for high amperages
50/60Hz IP67

Rated current (A)	Poles	No. of pilot contacts (mm^2)	Palazzoli code	Pack Qty
250	3P+⏚	2x10	**760530**	1
	3P+N+⏚	2x6	**760550**	1
320	3P+N+⏚	2x6	**760650**	1
400	3P+N+⏚	2x6	**760750**	1

Notes: up to 660A available on request.



Flush-mounted
straight socket-outlets
in aluminium alloy for high amperages
50/60Hz IP67

Rated current (A)	Poles	No. of pilot contacts (mm^2)	Palazzoli code	Pack Qty
250	3P+⏚	2x10	**761530**	1
	3P+N+⏚	2x6	**761550**	1
320	3P+N+⏚	2x6	**761650**	1
400	3P+N+⏚	2x6	**761750**	1

Notes: up to 660A available on request.

Dimensions on page 462

Interlocked socket-outlets

STANDARD APPLICATIONS



TOPTER

Compact vertical interlocked socket-outlets in technopolymer
Page 81



PRIMA

Compact horizontal interlocked socket-outlets in technopolymer
Page 92

ROTOSWITCHED SOCKET-OUTLETS



ROTOR

Interlocked socket-outlets in technopolymer with rotoswitch
Page 99

HEAVY-DUTY APPLICATIONS



TAIS

Increased safety interlocked socket-outlets in thermosetting GRP
Page 108



ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP
Page 120



ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium
Page 130



ALUMAX

Socket-outlets with electrical interlock in steel for high amperages
Page 140

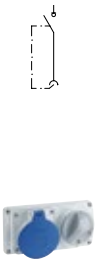
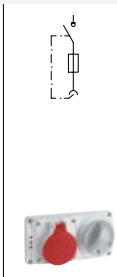
EASY COMPOSER

Software for the design and cost estimate of distribution boards.

√ Select the distribution board
√ Compose your distribution board
√ Calculate the cost estimate
√ Download the certificates

INTERLOCKED SOCKET-OUTLETS IN TECHNOPOLYMER from 16A to 125A

Standard applications

				TOPTER series				PRIMA series			
											
				page 80	page 80	page 81	page 81	page 92	page 92	page 93	page 93
Rated current (A)	Rated voltage (V)	Poles	h ref.	Direct supply IP44	With fuses IP44	Direct supply IP66/IP67	With fuses IP66/IP67	Direct supply IP44	With fuses IP44	Direct supply IP55	With fuses IP55
16	110 100-130	2P+⏚	4	**492124**	**190124**	**491124**	**490124**	**493124**	**494124**	**495124**	**496124**
		3P+⏚	4			**491134**	**490134**			**495134**	**496134**
		3P+N+⏚	4			**491144**	**490144**			**495144**	**496144**
	230 200-250	2P+⏚	6	**492126**	**190126**	**491126**	**490126**	**493126**	**494126**	**495126**	**496126**
		3P+⏚	9			**491139**	**490139**			**495139**	**496139**
		3P+N+⏚	9			**491149**	**490149**			**495149**	**496149**
	400 380-415	2P+⏚	9			**491129**	**490129**			**495129**	**496129**
		3P+⏚	6	**492136**	**190136**	**491136**	**490136**	**493136**	**494136**	**495136**	**496136**
		3P+N+⏚	6	**492146**	**190146**	**491146**	**490146**	**493146**	**494146**	**495146**	**496146**
	500 480-500	3P+⏚	7								
		3P+N+⏚	7								
32	110 100-130	2P+⏚	4			**491224**	**490224**			**495224**	**496224**
		3P+⏚	4			**491234**	**490234**			**495234**	**496234**
		3P+N+⏚	4			**491244**	**490244**			**495244**	**496244**
	230 200-250	2P+⏚	6	**492226**	**190226**	**491226**	**490226**	**493226**	**494226**	**495226**	**496226**
		3P+⏚	9			**491239**	**490239**			**495239**	**496239**
		3P+N+⏚	9			**491249**	**490249**			**495249**	**496249**
	400 380-415	2P+⏚	9			**491229**	**490229**			**495229**	**496229**
		3P+⏚	6	**492236**	**190236**	**491236**	**490236**	**493236**	**494236**	**495236**	**496236**
		3P+N+⏚	6	**492246**	**190246**	**491246**	**490246**	**493246**	**494246**	**495246**	**496246**
	500 480-500	3P+⏚	7								
		3P+N+⏚	7								
	380-440	3P+⏚	3			**491233**	**490233**			**495233**	**496233**
63	110 100-130	2P+⏚	4			**481324**	**480324**				
		3P+⏚	4			**481334**	**480334**				
		3P+N+⏚	4			**481344**	**480344**				
	230 200-250	2P+⏚	6			**481326**	**480326**				
		3P+⏚	9			**481339**	**480339**				
		3P+N+⏚	9			**481349**	**480349**				
	400 380-415	2P+⏚	9			**481329**	**480329**				
		3P+⏚	6			**481336**	**480336**				
		3P+N+⏚	6			**481346**	**480346**				
	500 480-500	3P+⏚	7								
		3P+N+⏚	7								
125	400 380-415	3P+⏚	6								
		3P+N+⏚	6								
	500 480-500	3P+⏚	7								
		3P+N+⏚	7								

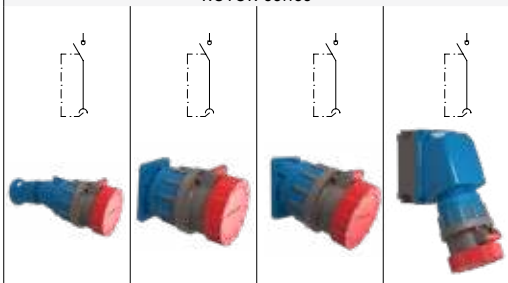
EXTRA-LOW VOLTAGE

				TOPTER series	PRIMA series
					
				page 81	page 93
Rated current (A)	Rated voltage (V)	Poles	h ref.	Self-protected with transformer 150VA IP66/IP67	Self-protected with transformer 150VA IP55
16	230/24	2P	–	**490024**	**496024**

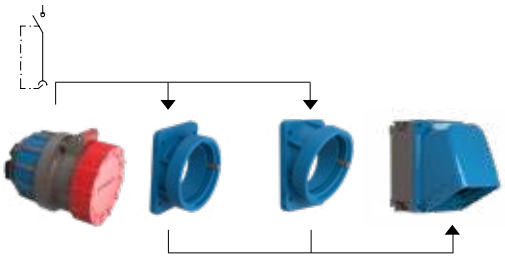
INTERLOCKED SOCKET-OUTLETS IN TECHNOPOLYMER from 16A to 125A

Heavy-duty applications

ROTOR series



ROTOR series - Compositions



Rated current (A)	Rated voltage (V)	Poles	h ref.	Straight mobile rotoswitches IP66/IP67/IP69 page 99	Straight rotoswitches IP66/IP67/IP69 page 99	Angled rotoswitches IP66/IP67/IP69 page 99	65° angled wall-mounted rotoswitches IP66/IP67/IP69 page 99	Rotoswitch inserts IP66/IP67/IP69 page 100	Straight panel-mounted flanges IP66/IP67/IP68/IP69 page 101	20° angled panel-mounted flanges IP66/IP67/IP68/IP69 page 101	65° angled wall-mounted boxes IP66/IP67/IP68/IP69 page 101
16	110 100-130	2P+⏚	4	410124	412124	413124	416124	419124	419021	419031	532131
		3P+⏚	4	410134				419134	419022	419032	532131
		3P+N+⏚	4	410144				419144	419023	419033	532131
	230 200-250	2P+⏚	6	410126	412126	413126	416126	419126	419021	419031	532131
		3P+⏚	9	410139				419139	419022	419032	532131
		3P+N+⏚	9	410149				419149	419023	419033	532131
	400 380-415	2P+⏚	9	410129				419129	419021	419031	532131
		3P+⏚	6	410136	412136	413136	416136	419136	419022	419032	532131
		3P+N+⏚	6	410146	412146	413146	416146	419146	419023	419033	532131
	500 480-500	3P+⏚	7	410137				419137	419022	419032	532131
		3P+N+⏚	7	410147				419147	419023	419033	532131
32	110 100-130	2P+⏚	4	410224	412224	413224	416224	419224	419023	419033	532131
		3P+⏚	4	410234				419234	419023	419033	532131
		3P+N+⏚	4	410244				419244	419024	419034	532132
	230 200-250	2P+⏚	6	410226	412226	413226	416226	419226	419023	419033	532131
		3P+⏚	9	410239				419239	419023	419033	532131
		3P+N+⏚	9	410249				419249	419024	419034	532132
	400 380-415	2P+⏚	9	410229				419229	419023	419033	532131
		3P+⏚	6	410236	412236	413236	416236	419236	419023	419033	532131
		3P+N+⏚	6	410246	412246	413246	416246	419246	419024	419034	532132
	500 480-500	3P+⏚	7	410237				419237	419023	419033	532131
		3P+N+⏚	7	410247				419247	419024	419034	532132
	380-440	3P+⏚	3	410233	412233			419233	419023	419033	532131
63	110 100-130	2P+⏚	4	410324				419324	419025	419035	532132
		3P+⏚	4	410334				419334	419025	419035	532132
		3P+N+⏚	4	410344				419344	419025	419035	532132
	230 200-250	2P+⏚	6	410326	412326	413326	416326	419326	419025	419035	532132
		3P+⏚	9	410339				419339	419025	419035	532132
		3P+N+⏚	9	410349				419349	419025	419035	532132
	400 380-415	2P+⏚	9	410329				419329	419025	419035	532132
		3P+⏚	6	410336	412336	413336	416336	419336	419025	419035	532132
		3P+N+⏚	6	410346	412346	413346	416346	419346	419025	419035	532132
	500 480-500	3P+⏚	7	410337				419337	419025	419035	532132
		3P+N+⏚	7	410347				419347	419025	419035	532132
125	400 380-415	3P+⏚	6	410436	412436	413436	416436	419436	419026	419036	532133
		3P+N+⏚	6	410446	412446	413446	416446	419446	419026	419036	532133
	500 480-500	3P+⏚	7	410437				419437	419026	419036	532133
		3P+N+⏚	7	410447				419447	419026	419036	532133



The rotoswitch inserts can be installed:

- on straight or angled panel-mounted flanges.
- on the boxes by using straight or angled flanges to achieve 65° or 85° angled connections and reduce overall dimensions.

INTERLOCKED SOCKET-OUTLETS IN THERMOSETTING GRP from 16A to 125A

Heavy-duty applications

TAIS series


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page 108


page 109


page 109


page 109


page 110


page 113


page 113

Rated current (A)	Rated voltage (V)	Poles	h ref.	With fuses IP66/IP67/IP69	With fuses IP66/IP67/IP69	Direct supply IP66/IP67/IP69	Direct supply IP66/IP67/IP69	With MCB IP66/IP67/IP69	With DIN rail IP66/IP67/IP69	With electrical interlock IP67	With electrical interlock and RCD IP67
16	110 100-130	2P+⏚	4	472610			467124	474210			
		3P+⏚	4	472710				474310			
		3P+N+⏚	4	472810				474410			
	230 200-250	2P+⏚	6	472620		470126	467126	474220	472020		
		3P+⏚	9	472720				474320			
		3P+N+⏚	9	472820				474420			
	400 380-415	2P+⏚	9	472630				474230			
		3P+⏚	6	472730		470136	467136	474330	472130		
		3P+N+⏚	6	472830		470146	467146	474430	472240		
	500 480-500	3P+⏚	7	472750							
		3P+N+⏚	7	472840							
32	110 100-130	2P+⏚	4	468224	472611			474611			
		3P+⏚	4	468234	472711			474711			
		3P+N+⏚	4		472811			474811			
	230 200-250	2P+⏚	6	468226	472621	469226	470226	474621	472021		
		3P+⏚	9	468239	472721			474721			
		3P+N+⏚	9		472821			474821			
	400 380-415	2P+⏚	9	468226	472631			474631			
		3P+⏚	6	468236	472731	469236	470236	474731	472131		
		3P+N+⏚	6		472831		470246	474831	472241		
	500 480-500	3P+⏚	7	472751							
		3P+N+⏚	7	472841							
	380-440	3P+⏚	3	468233	472771	469233	470233	474771	472133		
63	110 100-130	2P+⏚	4		472612			474612			
		3P+⏚	4		472712			474712			
		3P+N+⏚	4		472812			474812			
	230 200-250	2P+⏚	6		472622		470326	474622	472022		
		3P+⏚	9		472722			474722			
		3P+N+⏚	9		472822			474822			
	400 380-415	2P+⏚	9		472632			474632			
		3P+⏚	6		472732		470336	474732	472132	478336	476336
		3P+N+⏚	6		472832		470346	474832	472242	478346	476346
	500 480-500	3P+⏚	7		472752					478337	476337
		3P+N+⏚	7		472842					478347	476347
125	400 380-415	3P+⏚	6		482436		480436	484436	483436	478436	476436
		3P+N+⏚	6		482446		480446	484446	483446	478446	476446
	500 480-500	3P+⏚	7		482437		480437	484437		478437	476437
		3P+N+⏚	7		482447		480447	484447		478447	476447

EXTRA-LOW VOLTAGE

TAIS series


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page 113

Rated current (A)	Rated voltage (V)	Poles	h ref.	Self-protected with transformer 150VA IP66/IP67/IP69	With transformer and fuses 250VA IP67	With transformer and fuses 750VA IP67
16	230/24	2P	–	469873	471873	
32	230/48	2P	–			471819

INTERLOCKED SOCKET-OUTLETS IN THERMOSETTING GRP AND ALUMINIUM from 16A to 125A

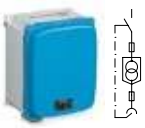
Heavy-duty applications

			ULYSSE series				ALUPRES series					
			 page 120	 page 120	 page 121	 page 121	 page 130	 page 131	 page 132	 page 132	 page 134	 page 134
Rated current (A)	Poles	h ref.	With fuses IP66/IP67	Direct supply IP66/IP67	With MCB IP66/IP67	With DIN rail IP66/IP67	With fuses IP66/IP67/IP69	Direct supply IP66/IP67/IP69	With MCB IP66/IP67/IP69	With DIN rail IP66/IP67/IP69	With electrical interlock IP65	With electrical interlock and RCD IP65
16	2P+⏚	4	400124		403124		472233		474633			
	3P+⏚	4	400134		403134		472243		474643			
	3P+N+⏚	4	400144		403144		472253		474653			
	2P+⏚	6	400126	408126	403126	406126	472333	466126	474733	472623		
	3P+⏚	9	400139		403139		472343		474743			
	3P+N+⏚	9	400149		403149		472353		474753			
	2P+⏚	9	400129		403129		472433		474833			
	3P+⏚	6	400136	408136	403136	406136	472443	466136	474843	472733		
	3P+N+⏚	6	400146	408146	403146	406146	472453	466146	474853	472843		
	3P+⏚	7	400137				472543					
	3P+N+⏚	7	400147				472543					
32	2P+⏚	4	400224		403224		472236		474236			
	3P+⏚	4	400234		403234		472246		474246			
	3P+N+⏚	4	400244		403244		472256		474256			
	2P+⏚	6	400226	408226	403226	406226	472336	460226	474336	472624		
	3P+⏚	9	400239		403239		472346		474346			
	3P+N+⏚	9	400249		403249		472356		474356			
	2P+⏚	9	400229		403229		472436		474436			
	3P+⏚	6	400236	408236	403236	406236	472446	460236	474446	472734		
	3P+N+⏚	6	400246	408246	403246	406246	472456	460246	474456	472844		
	3P+⏚	7	400237				472546					
	3P+N+⏚	7	400247				472556					
	3P+⏚	3	400233	408233	403233	406233	472486		474486	472735		
63	2P+⏚	4	400324		403324		472237		474237			
	3P+⏚	4	400334		403334		472247		474247			
	3P+N+⏚	4	400344		403344		472257		474257			
	2P+⏚	6	400326	408326	403326	406326	472337	460326	474337	472027		
	3P+⏚	9	400339		403339		472347		474347			
	3P+N+⏚	9	400349		403349		472357		474357			
	2P+⏚	9	400329		403329		472437		474437			
	3P+⏚	6	400336	408336	403336	406336	472447	460336	474447	472137	475336	473336
	3P+N+⏚	6	400346	408346	403346	406346	472457	460346	474457	472647	475346	473346
	3P+⏚	7	400337				472547	472547			475337	473337
	3P+N+⏚	7	400347				472557	472557			475347	473347
125	3P+⏚	6					472418	460436		472648	475436	473436
	3P+N+⏚	6					472428	460446		472649	475446	473446
	3P+⏚	7					472518				475437	473437
	3P+N+⏚	7					472528				475447	473447

EXTRA-LOW VOLTAGE

		ULYSSE series	
		 page 121	
Rated current (A)	Rated voltage (V)	Poles	h ref.	Self-protected with transformer 150VA IP66/IP67
16	230/24	2P	–	409873

EXTRA-LOW VOLTAGE

		ALUPRES series			
		 page 132	 page 134		
Rated current (A)	Rated voltage (V)	Poles	h ref.	With transformer and fuses 250VA IP66/IP67/IP69	With transformer and fuses 720VA IP66/IP67/IP69
16	230/24	2P	–	471812	
32	230/48	2P	–		471818

TOPTER



TOPTER

Compact vertical interlocked socket-outlets in technopolymer

ADVANTAGES



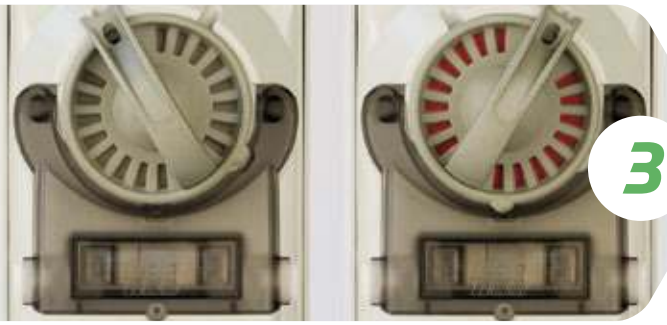
1

The socket insert in integrated in the body so that there are no screws that can result in weak points.

The fuse holder base is protected by a door with an ergonomic opening mechanism and indestructible keys. In the closing phase, the lid closes the fuse holders that have remained open.



2



3

The patented high visibility handle allows even the most inexperienced user to understand the status of the switch at a glance.

The auxiliary contact indicates if the plug is properly plugged in and can be used in electrical and automation safety circuits.



4

For quick and easy installation, scan the **QR code**.

TOPTER

Compact vertical interlocked socket-outlets in technopolymer



Body material	**Technopolymer**
Colour	**RAL 7035 Light grey**
Protection rating	**IP44 - IP66/IP67**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**850°C (insert) 650°C (enclosure)**
Flammability class	**V-2 (insert) HB (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A**
Operating voltage	**24V - 440V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**
Terminal type	**Indirect clamping**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

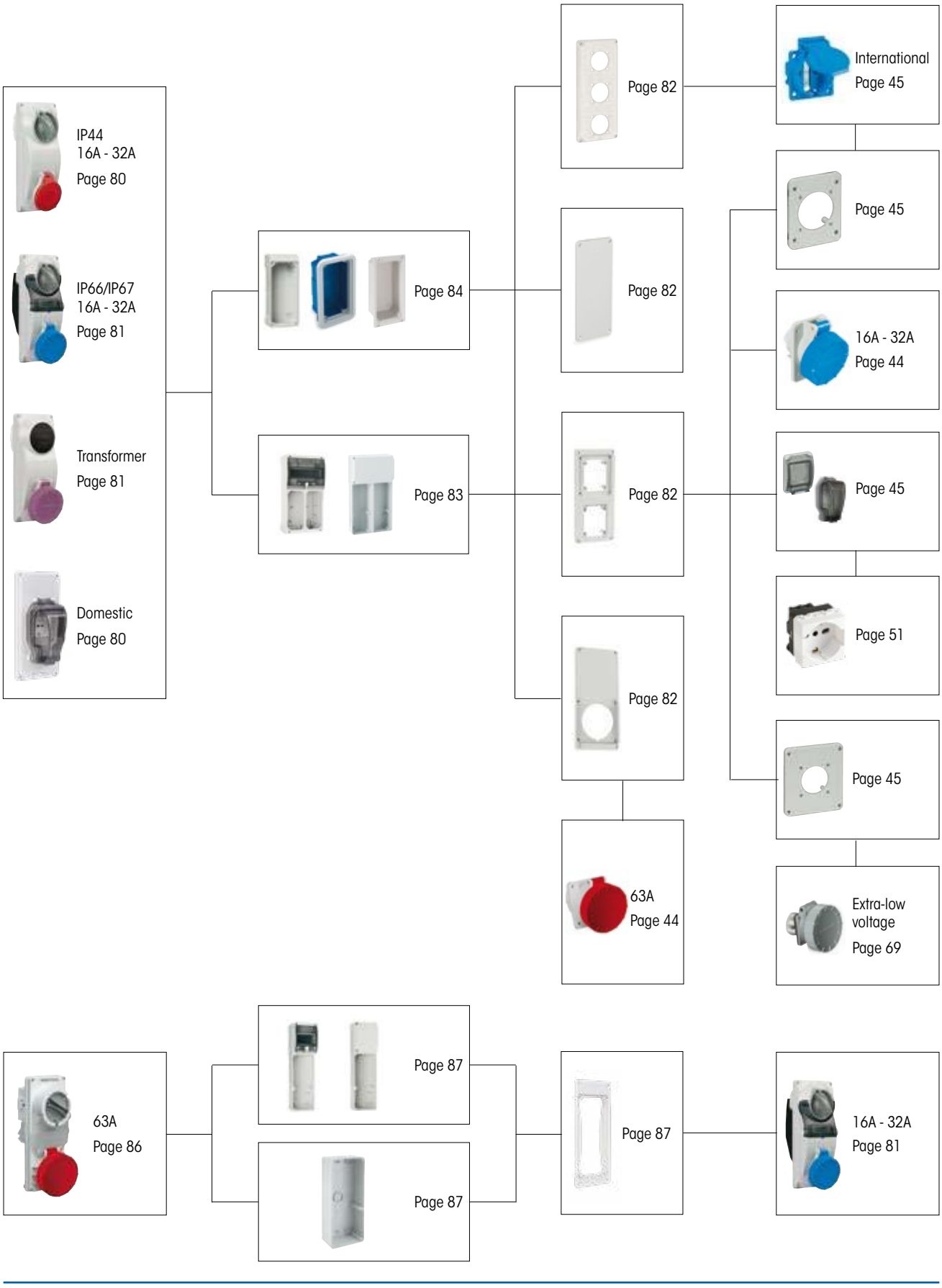
Rated operating current:			**16A**	**32A**
Thermal current Ith		**A**	**16**	**32**
AC-21A	110 V - 400 V	A	16	32
AC-22A	110 V - 400 V	A	16	32
AC-23A	110V	A	16	32
	230V			
	400V			
AC-23A	110V	kW	2.4	4.9
	230V		5.1	10.2
	400V		8.9	17.7
AC-3	110V	kW	2.4	4.9
	230V		5.1	10.2
	400V		8.9	17.7

Wiring data:		**16A**	**32A**
Entry cable cross-section	mm^2	1 - 10	
Tightening torque	Nm	2	

TOPTER

Compact vertical interlocked socket-outlets in technopolymer

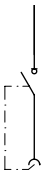
MODULARITY



TOPTER

Compact vertical interlocked socket-outlets in technopolymer





Interlocked socket-outlets
for distribution board
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110		2P+⏚	4	**492124**	1
	230		2P+⏚	6	**492126**	1
	400		3P+⏚	6	**492136**	1
	400		3P+N+⏚	6	**492146**	1
32	230		2P+⏚	6	**492226**	1
	400		3P+⏚	6	**492236**	1
	400		3P+N+⏚	6	**492246**	1

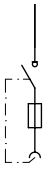
Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: padlockable handle in open or closed position, with max. 3 mm Ø padlock. Ready for 2 auxiliary contacts for plug inserted signalling. Fuses non included.

Technical accessories:


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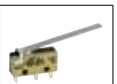
Interlocked socket-outlets
with fuse holder base
for distribution board
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 10.3x38 fuses	110		2P+⏚	4	**190124**	1
	230		2P+⏚	6	**190126**	1
	400		3P+⏚	6	**190136**	1
	400		3P+N+⏚	6	**190146**	1
32 10.3x38 fuses	230		2P+⏚	6	**190226**	1
	400		3P+⏚	6	**190236**	1
	400		3P+N+⏚	6	**190246**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: padlockable handle in open or closed position, with max. 3 mm Ø padlock.
Ready for 2 auxiliary contacts for plug inserted signalling.
Fuses not included.

Technical accessories:


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Schuko P17/P30 bivalent
domestic socket
with watertight cap for plugged-in plug
IP66

Description	Flange dimensions (mm)	Pins	Pitch	Type	Palazzoli code	Pack Qty
flange with 1 domestic socket type 2P+⏚ 10/16A P30/P17 230V	103x230	Ø 4/4.8	19	P30/P17	**579715**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box.

Technical accessories:


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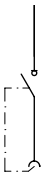
Examples of combinations



TOPTER

Compact vertical interlocked socket-outlets in technopolymer





Interlocked socket-outlets
for distribution board
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**491124**	1
	110	yellow	3P+⏚	4	**491134**	1
	110	yellow	3P+N+⏚	4	**491144**	1
	230	blue	2P+⏚	6	**491126**	1
	230	blue	3P+⏚	9	**491139**	1
	230	blue	3P+N+⏚	9	**491149**	1
	400	red	2P+⏚	9	**491129**	1
	400	red	3P+⏚	6	**491136**	1
	400	red	3P+N+⏚	6	**491146**	1
32	110	yellow	2P+⏚	4	**491224**	1
	110	yellow	3P+⏚	4	**491234**	1
	110	yellow	3P+N+⏚	4	**491244**	1
	230	blue	2P+⏚	6	**491226**	1
	230	blue	3P+⏚	9	**491239**	1
	230	blue	3P+N+⏚	9	**491249**	1
	400	red	2P+⏚	9	**491229**	1
	400	red	3P+⏚	6	**491236**	1
	400	red	3P+N+⏚	6	**491246**	1
	380/440	red	3P+⏚	3	**491233**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: padlockable handle in open or closed position, with max. 3 mm Ø padlock. Ready for 2 auxiliary contacts for plug inserted signalling. Fuses non included.

Technical accessories:


page 37


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Interlocked socket-outlets
with fuse holder base
for distribution board
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 10.3x38 fuses	110	yellow	2P+⏚	4	**490124**	1
	110	yellow	3P+⏚	4	**490134**	1
	110	yellow	3P+N+⏚	4	**490144**	1
	230	blue	2P+⏚	6	**490126**	1
	230	blue	3P+⏚	9	**490139**	1
	230	blue	3P+N+⏚	9	**490149**	1
	400	red	2P+⏚	9	**490129**	1
	400	red	3P+⏚	6	**490136**	1
	400	red	3P+N+⏚	6	**490146**	1
32 10.3x38 fuses	110	yellow	2P+⏚	4	**490224**	1
	110	yellow	3P+⏚	4	**490234**	1
	110	yellow	3P+N+⏚	4	**490244**	1
	230	blue	2P+⏚	6	**490226**	1
	230	blue	3P+⏚	9	**490239**	1
	230	blue	3P+N+⏚	9	**490249**	1
	400	red	2P+⏚	9	**490229**	1
	400	red	3P+⏚	6	**490236**	1
	400	red	3P+N+⏚	6	**490246**	1
	380/440	red	3P+⏚	3	**490233**	1

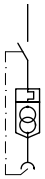
Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: padlockable handle in open or closed position, with max. 3 mm Ø padlock. Ready for 2 auxiliary contacts for plug inserted signalling. Fuses non included.

Technical accessories:


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Socket-outlet with safety
transformer (SELV)
for distribution board
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16	230/24	2P	150	**490024**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box.
Features: transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.

Technical accessories:


page 66

TOPTER

Compact vertical interlocked socket-outlets in technopolymer



Flange for mounting
2 socket-outlets or 2 caps
in distribution boards
for topTER socket-outlets with switch
IP66/IP67

Dimensions (mm)	Total installable devices	Max. No. with 65x83 flange	Max. No. with 88x100 flange	Palazzoli code	Pack Qty
103 x 230	2	2	1	**579714**	1

Equipment included: 1 finishing frame for compact socket-outlets,
1 blind flange 65 x 83 mm.
4 stainless steel screws for fixing the item to the distribution board or box.

Technical accessories:


page 44


page 45


page 45



Flange for mounting
3 50x50 international socket-outlets
in distribution boards
for topTER socket-outlets with switch
IP65

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
103 x 230	international	**579716**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box.

Technical accessories:


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Flange for mounting
1 63A fixed socket-outlet
in distribution boards
for topTER socket-outlets with switch
IP66/IP67

Dimensions (mm)	63A socket flange dimensions (mm)	Palazzoli code	Pack Qty
103 x 230	100 x 100	**579717**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box.

Technical accessories:


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Closing flange
for distribution boards
for topTER switched socket-outlets
IP66/IP67

Dimensions (mm)	Palazzoli code	Pack Qty
103 x 230	**579713**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box.

TOPTER

Compact vertical interlocked socket-outlets in technopolymer



Distribution boards
with transparent window
for the installation
of switched topTER socket-outlets
IP66

	Shape	Installable sockets	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
10 modules		2	40	239x456	**579742**	1
16 modules		3	56	350x456	**579743**	1
22 modules		4	70	461x456	**579744**	1

Equipment included: DIN rail kit with adjustable supports. Cable clips.
Screw cover caps for double insulation. Hinge kit for door opening, modular covers.
1 closing flange for distribution boards 579743 and 579744.
Features: padlockable modular door.
Suitable for temporary mounting.



Distribution boards
with blind cover
for the installation
of switched topTER socket-outlets
IP66

Shape	Installable sockets	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
	1	22	122x395	**579721**	1
	2	40	250x395	**579722**	1
	3	56	380x395	**579723**	1

Equipment included: screw cover caps for double insulation.

Technical accessories:


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5 modules



Distribution board
with transparent window
for the installation
of 1 topTER switched socket-outlet
IP66

Installable sockets	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
1	22	122x395	**579741**	1

Equipment included: DIN rail kit with adjustable supports. Cable clips.
Screw cover caps for double insulation and module covers.
Features: padlockable modular door.

Technical accessories:


page 170



Cover with transparent window
and DIN rail
for topTER distribution boards
with blind cover

No. of DIN modules	For distribution board code	Protection rating	Palazzoli code	Pack Qty
5	579721	IP65	**579451**	1
12	579722	IP55	**579452**	1
18	579723	IP55	**579453**	1

Features: padlockable modular door.

TOPTER

Compact vertical interlocked socket-outlets in technopolymer



Wall-mounted
bottom box
IP66/IP67

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
108 x 260	topTER with lock switch	**579710**	1

Equipment included: screw cover caps for double insulation.

Technical accessories:



page 170



Flush-mounted
bottom box
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
131 x 258	topTER with lock switch	**579712**	1

Features: they are perfectly symmetrical and do not require an "up-down" direction for installation.



Bottom box
for panel flush-mounting
IP66/IP67

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115 x 270	topTER with lock switch	**579711**	1

Uses: they can be mounted in panels in steel sheet and insulating material.



Wall-mounted control unit
for modular devices
with padlockable door

Outer dimensions (mm)	No. of DIN modules	Power dissipation (W)	Protection rating	Palazzoli code	Pack Qty
122x158	5	20	IP65	**579708**	1
250x158	12	40	IP55	**579709**	1

Equipment included: screw cover caps and module covers.

Technical accessories:



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Box with cover
for flush-mounting
IP56

Outer dimensions (mm)	Inner dimensions (mm)	Palazzoli code	Pack Qty
284x172	236x145x76	**575505**	1

Uses: they allow the installation in panels of sheet metal and insulating material.



Control unit
for panel-mounting
IP56

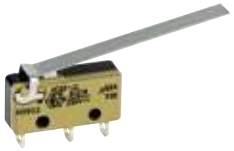
Outer dimensions (mm)	No. of DIN modules	Power dissipation (W)	Palazzoli code	Pack Qty
284x172	12	40	**575506**	1

Equipment included: 2 modular covers.
Features: padlockable modular door.
Uses: they allow the installation in panels of sheet metal and insulating material.

Dimensions from page 464 to 465 *Technical data on page 78*

TOPTER

Compact vertical interlocked socket-outlets in technopolymer



NO+NC auxiliary contact
for plug inserted signalling

For sockets type	Palazzoli code	Pack Qty
topTER industrial and interlocked socket-outlets	**579850**	1

Notes: topTER interlocked socket-outlets can be equipped with 2 auxiliary contacts.



Equipotential bars
for earth connection

No. of holes	Connection Type	Palazzoli code	Pack Qty
4	M5 screws for wire ends up to 25 mm²	**579013**	1
10		**579014**	1

Equipment included: connection screws and fixing supports.
Features: suitable for use in topTER distribution boards with transparent window of dimensions 239x456 and above.



Module covers

No. of DIN modules	For distribution boards	Palazzoli code	Pack Qty
2	all topTER, PRIMA, ULYSSE, TAIS and TAIS Cube distribution boards	**579904**	20

Uses: allows unused modules, to be covered to achieve the IP40 protection rating.



Coupling fitting
with Pg threading
for topTER distribution boards
IP66

Pg	Mounting hole (mm)	For cable Ø (mm)	Palazzoli code	Pack Qty
21	29	21	**580250**	1



Transportation handles

For distribution boards	Palazzoli code	Pack Qty
all distribution boards	**579011**	1



Pair of stainless steel plates
for wall mounting of topTER
and PRIMA distribution boards

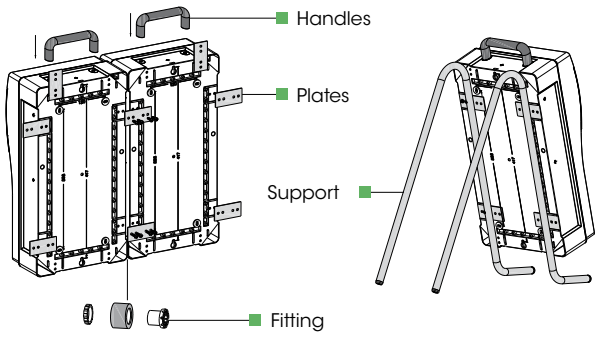
For distribution boards	Palazzoli code	Pack Qty
all topTER and PRIMA distribution boards	**579012**	10



Universal support
for topTER, PRIMA and Energy Go
distribution boards

For distribution boards	Palazzoli code	Pack Qty
width 239 mm and above	**570010**	1

USE OF ACCESSORIES



TOPTER

Compact vertical interlocked socket-outlets in technopolymer

Body material	**Technopolymer**
Colour	**RAL 7035 Light grey**
Protection rating	**IP65**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**960 °C (insert) 850 °C (enclosure)**
Flammability class	**V-0 (insert) V-1 (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**63A**
Operating voltage	**110V - 400V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**
Terminal type	**Indirect clamping**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

Rated operating current:			**63A**
Thermal current Ith		**A**	**63**
AC-21A	110 V - 400 V	A	63
AC-22A	110 V - 400 V	A	63
AC-23A	110V	A	63
	230V		
	400V		
AC-23A	110V	kW	9.6
	230V		20.1
	400V		34.9
AC-3	110V	kW	7.6
	230V		15.9
	400V		27.7

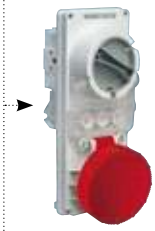
Wiring data:		**63A**
Entry cable cross-section	mm^2	6 - 35
Tightening torque	Nm	3



Interlocked socket-outlets
for distribution board
50/60Hz IP65

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	110	yellow	2P+⏚	4	**481324**	1
	110	yellow	3P+⏚	4	**481334**	1
	110	yellow	3P+N+⏚	4	**481344**	1
	230	blue	2P+⏚	6	**481326**	1
	230	blue	3P+⏚	9	**481339**	1
	230	blue	3P+N+⏚	9	**481349**	1
	400	red	2P+⏚	9	**481329**	1
	400	red	3P+⏚	6	**481336**	1
	400	red	3P+N+⏚	6	**481346**	1

Equipment included: 6 stainless steel screws for fastening the item to the distribution board or box.
Features: handle padlockable in open or closed position.



Interlocked socket-outlets
with fuse holder base
for distribution board
50/60Hz IP65

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 fuses D02	110	yellow	2P+⏚	4	**480324**	1
	110	yellow	3P+⏚	4	**480334**	1
	110	yellow	3P+N+⏚	4	**480344**	1
	230	blue	2P+⏚	6	**480326**	1
	230	blue	3P+⏚	9	**480339**	1
	230	blue	3P+N+⏚	9	**480349**	1
	400	red	2P+⏚	9	**480329**	1
	400	red	3P+⏚	6	**480336**	1
	400	red	3P+N+⏚	6	**480346**	1

Equipment included: 6 stainless steel screws for fastening the item to the distribution board or box.
Features: handle padlockable in open or closed position. Fuses not included.

Technical accessories:



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EASY CONTACT

The multi-lamellar crown in a silver-plated copper superalloy ensures:

- wider pin-plug contact surface
- easy removal of plugs from socket-outlets
- perfect cleaning of the pin
- a solid and long-lasting electrical contact

Dimensions on page 465

TOPTER

Compact vertical interlocked socket-outlets in technopolymer



Flange for mounting
2 topTER fixed sockets
or domoTER caps
IP55

Dimensions (mm)	Total installable devices	Max. No. with 65x83 flange	Max. No. with 88x100 flange	Palazzoli code	Pack Qty
115x290	2	2	2	**579719**	1

Equipment included: 2 finishing frames for compact sockets. 1 65x83 mm blind flange 6 stainless steel screws for fixing the item to the distribution board or box.

Technical accessories:





Flange for mounting
1 CEE 63A socket-outlet or fixed plug
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115x290	63A topTER series	**579910**	1

Equipment included: 6 stainless steel screws for fastening the item to the distribution board or box.

Technical accessories:





Adapter flange
for topTER interlocked socket-outlets
IP65

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115x290	16A and 32A TopTER	**579920**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box.

Technical accessories:





Closing flange
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115x290	with interlock and fuse holder base	**579902**	1

Equipment included: 6 stainless steel screws for fastening the item to the distribution board or box.



Distribution boards
with blind cover for the installation
of switched socket-outlets
IP55

Installable sockets	Power dissipation (W)	Dimensions (mm)	Palazzoli code	Pack Qty
1	22	122x452	**579421***	1
2	40	250x452	**579422**	1
3	56	380x452	**579423**	1

Equipment included: screw cover caps for double insulation.
Features: * iP65 protection rating.



Distribution boards
with transparent window
for the installation
of switched socket-outlets
IP55

Installable sockets	No. of DIN modules	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
1	5	22	122x452	**579631***	1
2	12	40	250x452	**579622**	1
3	18	56	380x452	**579623**	1

Equipment included: screw cover caps for double insulation. Modular covers.
Features: padlockable modular door.*IP65 protection rating.



Wall-mounted bottom box
for installation of 1 63A
interlocked socket-outlet
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115x290	63A topTER interlocked	**579400**	1

Equipment included: screw cover caps for double insulation.

Technical accessories:





Bottom box
for flush-mounting on panel
and installation of 1 63A socket-outlet
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
150x300	IP55 with or without 63A fuse holder base	**575502**	1

Uses: they can be mounted in panels in steel sheet and insulating material.

PRIMA



PRIMA

Compact horizontal interlocked socket-outlets in technopolymer

ADVANTAGES



PRIMA is the only system of interlocked socket-outlets with fuses that are not directly accessible from the front. This feature makes these sockets particularly suitable for installation in public places, preventing unqualified personnel from working on sensitive protection parts such as fuses.

The special plug-in system allows to comfortably wire the distribution board before mounting the socket. Maintenance is facilitated by the absence of annoying flying cables.





PRIMA is the only system of horizontal sockets to incorporate absolute safety technologies, such as a steel interlock mechanism and an AC3-AC23A class isolator switch at rated current.

The aesthetic design enhances PRIMA's integration in all environments. The rounded shape, the reduced projection (only 6 cm) and the absence of dust and dirt build-up areas facilitate cleaning and hygiene.



For quick and easy installation, scan the **QR code**.

PRIMA

Compact horizontal interlocked socket-outlets in technopolymer



Body material	**Technopolymer**
Colour	**RAL 7035 Light grey**
Protection rating	**IP44 - IP55**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**850°C (insert) 650°C (enclosure)**
Flammability class	**V-2 (insert) HB (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A**
Operating voltage	**24V - 440V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**
Terminal type	**Indirect clamping**

CE

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

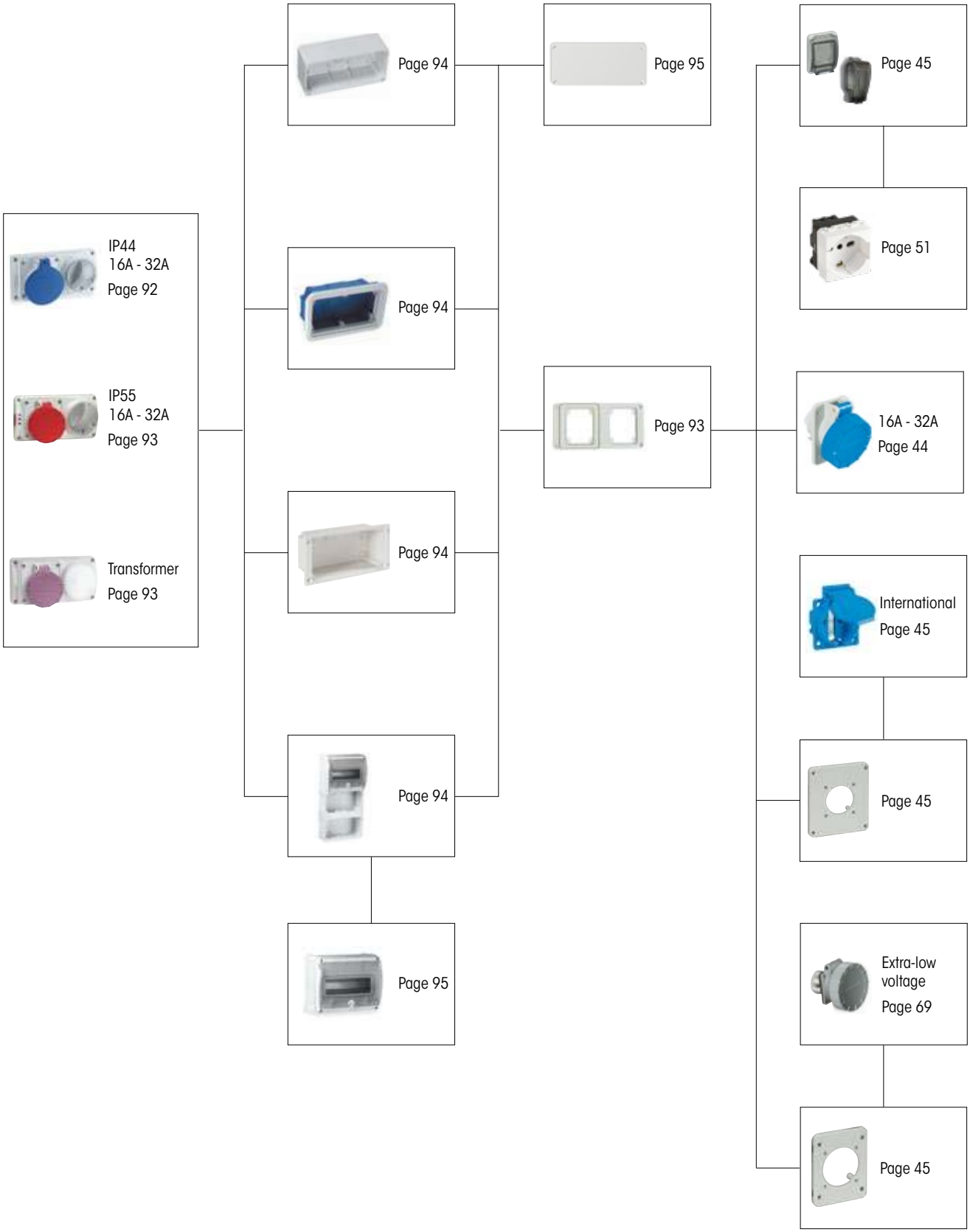
Rated operating current:			**16A**	**32A**
Thermal current Ith		**A**	**16**	**32**
AC-21A	110 V - 400 V	A	16	32
AC-22A	110 V - 400 V	A	16	32
AC-23A	110V	A	16	32
	230V			
	400V			
AC-23A	110V	kW	2.4	4.9
	230V		5.1	10.2
	400V		8.9	17.7
AC-3	110V	kW	2.4	4.9
	230V		5.1	10.2
	400V		8.9	17.7

Wiring data:		**16A**	**32A**
Entry cable cross-section	mm^2	1 - 10	
Tightening torque	Nm	2	

PRIMA

Compact horizontal interlocked socket-outlets in technopolymer

MODULARITY



PRIMA

Compact horizontal interlocked socket-outlets in technopolymer





Interlocked socket-outlets
for distribution board
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+ ⏚	4	**493124**	1
	230	blue	2P+⏚	6	**493126**	1
	400	red	3P+⏚	6	**493136**	1
	400	red	3P+N+⏚	6	**493146**	1
32	230	blue	2P+⏚	6	**493226**	1
	400	red	3P+⏚	6	**493236**	1
	400	red	3P+N+⏚	6	**493246**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: the handle can be padlocked in the open or closed position with max. 3 mm Ø padlock.

Technical accessories:



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Interlocked socket-outlets
with fuse holder base
for distribution board
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 10.3x38 fuses	110	yellow	2P+ ⏚	4	**494124**	1
	230	blue	2P+⏚	6	**494126**	1
	400	red	3P+⏚	6	**494136**	1
	400	red	3P+N+⏚	6	**494146**	1
32 10.3x38 fuses	230	blue	2P+⏚	6	**494226**	1
	400	red	3P+⏚	6	**494236**	1
	400	red	3P+N+⏚	6	**494246**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: the handle can be padlocked in the open or closed position with max. 3 mm Ø padlock. Fuses not included. Plug-in connection on the power supply line.

Technical accessories:



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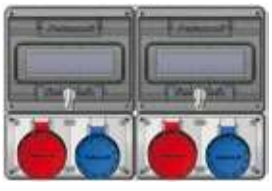
Examples of combinations



With additional control unit, using code **579612**



Wall-mounted with frame code **579582**



With industrial socket-outlets using flange code **579718** and topTER industrial socket-outlets



With signal socket-outlets using the spacer kits code **579591**

Dimensions on pages 463 *Technical data on page 90*

PRIMA

Compact horizontal interlocked socket-outlets in technopolymer



Interlocked socket-outlets
for distribution board
50/60Hz IP55

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110		2P+⏚	4	**495124 ***	1
	110		3P+⏚	4	**495134**	1
	110		3P+N+⏚	4	**495144**	1
	230		2P+⏚	6	**495126***	1
	230		3P+⏚	9	**495139**	1
	230		3P+N+⏚	9	**495149**	1
	400		2P+⏚	9	**495129**	1
	400		3P+⏚	6	**495136***	1
	400		3P+N+⏚	6	**495146***	1
32	110		2P+⏚	4	**495224***	1
	110		3P+⏚	4	**495234**	1
	110		3P+N+⏚	4	**495244**	1
	230		2P+⏚	6	**495226***	1
	230		3P+⏚	9	**495239**	1
	230		3P+N+⏚	9	**495249**	1
	400		2P+⏚	9	**495229**	1
	400		3P+⏚	6	**495236***	1
	400		3P+N+⏚	6	**495246***	1
	380/440		3P+⏚	3	**495233***	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: the handle can be padlocked in the open or closed position with max. 3 mm Ø padlock.

Technical accessories:


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Interlocked socket-outlets
with fuse holder base
for distribution board
50/60Hz IP55

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 10.3x38 fuses	110		2P+⏚	4	**496124**	1
	110		3P+⏚	4	**496134**	1
	110		3P+N+⏚	4	**496144**	1
	230		2P+⏚	6	**496126**	1
	230		3P+⏚	9	**496139**	1
	230		3P+N+⏚	9	**496149**	1
	400		2P+⏚	9	**496129**	1
	400		3P+⏚	6	**496136**	1
	400		3P+N+⏚	6	**496146**	1
32 10.3x38 fuses	110		2P+⏚	4	**496224**	1
	110		3P+⏚	4	**496234**	1
	110		3P+N+⏚	4	**496244**	1
	230		2P+⏚	6	**496226**	1
	230		3P+⏚	9	**496239**	1
	230		3P+N+⏚	9	**496249**	1
	400		2P+⏚	9	**496229**	1
	400		3P+⏚	6	**496236**	1
	400		3P+N+⏚	6	**496246**	1
	380/440		3P+⏚	3	**496233**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: the handle can be padlocked in the open or closed position with max. 3 mm Ø padlock. Fuses not included. Plug-in connection on the power supply line.

Technical accessories:


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Socket-outlet
with safety transformer (SELV)
for distribution board
50/60Hz IP55

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16	230/24	2P	150	**496024**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.

Technical accessories:


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Flange
for mounting 2 topTER fixed sockets
or 2 topTER caps
IP55

Total installable devices	Max. No. with 65x83 flange	Max. No. with 88x100 flange	Palazzoli code	Pack Qty
2	2	1	**579718**	1

Equipment included: 4 stainless steel screws for fixing the item to the distribution board or box. Finishing frames for compact socket-outlets. 1 65x83 mm blind flange.
Notes: the flange can be installed on all Prima series distribution boards and boxes except for code 579510.

Technical accessories:


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PRIMA

Compact horizontal interlocked socket-outlets in technopolymer



Distribution boards
for PRIMA devices
IP55

	Shape	Installable sockets	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
9 modules		2	36	212x414	**579620**	1
blind		2	36	212x414	**579621**	1
9+9 modules		2	50	424x280	**579602**	1
9+9 modules		4	70	424x410	**579640**	1
9 modules		4	70	424x410	**579641**	1
blind		4	70	424x410	**579642**	1

Equipment included: Screw cover caps for double insulation, modular covers.
1 closing flange for distribution boards 579620, 579621, 579602.
2 closing flanges for distribution boards 579640, 579641, 579642.
Features: padlockable modular door.

Technical accessories:

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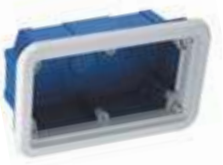
Bottom box
for wall-mounting
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
103x206	PRIMA with lock switch	**579500**	1

Equipment included: screw cover caps for double insulation.

Technical accessories:

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Bottom box
for flush-mounting
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
132.5x235.5	PRIMA with lock switch	**579510**	1

Equipment included: spacer kit.
Features: they do not require an "UP-DOWN" direction for installation.
When used with interlocked socket-outlets with fuses, the box must first be flush mounted in the wall. The use of the special kit allows to gain an extra 3 mm in depth.



Bottom box
for panel flush-mounting
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115x240	PRIMA with lock switch	**575501**	1

Uses: they enable to mount the socket-outlets in panels in steel sheet and insulating material.

PRIMA

Compact horizontal interlocked socket-outlets in technopolymer



Wall-mounted control unit
for modular devices
IP55

Description	Power dissipation (W)	Dimensions (mm)	Palazzoli code	Pack Qty
with transparent window 9 modules	36	212x174	**579612**	1

Equipment included: 2 module covers, code 579904. Screw cover caps for double insulation.
Features: padlockable modular door.



Closing flange
for PRIMA distribution boards
IP55

Dimensions (mm)	Palazzoli code	Pack Qty
206x103	**579901**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board.
Uses: enables unused housings of all PRIMA series flanged distribution boards to be closed.



Coupling fitting
with Pg threading for PRIMA
and topTER distribution boards
IP66

Pg	Mounting hole (mm)	For cable Ø (mm)	Palazzoli code	Pack Qty
21	29	21	**580250**	1



Finishing frames
for flush mounting
of PRIMA distribution boards

For distribution boards, code	Palazzoli code	Pack Qty
579620 and 579621	**579582**	1
579640, 579641 and 579642	**579584**	1



Spacing kits
for distribution boards
with 4 socket-outlets

Description	Palazzoli code	Pack Qty
a horizontal divider and a vertical divider with friction mounting	**579591**	1

ROTOR



ROTOR

Interlocked socket-outlets in technopolymer with rotoswitch

ADVANTAGES



The safety ring actuates a mechanical interlock that prevents the connection and disconnection of live loads ensuring maximum safety.

The rotoswitched socket-outlet contains an independently operated switch disconnector capable of driving AC-23A category loads such as motors, fans, pumps, etc.





Simplicity is found in the smart cable gland that makes the ROTOR suitable for all types of cables, with a versatility that is unique on the market.
It is easily clampable, thanks to the ability to tighten the cable with a screwdriver.
The slot of the cable gland can also be used as a hook for suspension.

Indirect clamping HD terminals are standard throughout the range. They guarantee the integrity of the cables for an even passage of current and prevent overheating and cable breakage.



To see the ROTOR performance assessed by the INRiM laboratory, scan the **QR code**.

ROTOR

Interlocked socket-outlets in technopolymer with rotoswitch



Body material	**Technopolymer**
Colour	**Grey RAL 7046 RAL 5015 Sky blue**
Protection rating	**IP66/IP67**
Additional IP rating	**IP69**
Impact resistance	**IK09**
Resistance to abnormal heat and fire	**960°C (insert) 850°C (enclosure)**
Flammability class	**V-0 (insert) V-2 (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-40°C - +60°C**
Ambient storage temperature	**-50°C - +90°C**
Rated current	**16A - 32A - 63A - 125A**
Operating voltage	**50V - 690V**
Insulation voltage	**690V**
Operating frequency	**50Hz/500Hz**

Rated operating current:			**16A**	**32A**	**63A**	**125A**
Thermal current Ith		**A**	**16**	**32**	**63**	**125**
AC-21A	110 V - 690 V	A	16	32	63	125
AC-22A	110 V - 690 V	A	16	32	63	125
AC-23A	110V	A	16	32	63	125
	230V					
	400V					
	500V					
	690V					
AC-23A	110V	kW	2.4	4.9	9.6	19.1
	230V		5.1	10.2	20.1	39.8
	400V		8.9	17.7	34.9	69.3
	500V		11.1	22.2	43.6	86.6
	690V		15.3	30.6	60.2	120

Cable features:

Rated current (A)	Poles	Cable entry Ø range (mm)	Cable cross-section range (mm²)
16	2P+⏚	6.3 - 18	1 - 10
	3P+⏚		
	3P+N+⏚	11 - 23	
32	2P+⏚		1 - 10
	3P+⏚		
	3P+N+⏚	13 - 27	
63	2P+⏚	14 - 36	6 - 25
	3P+⏚		
	3P+N+⏚		
125	2P+⏚	20 - 50	16 - 70
	3P+⏚		
	3P+N+⏚		

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

ROTOR

Interlocked socket-outlets in technopolymer with rotoswitch



Straight mobile
rotoswitched socket-outlets
safety performance
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**410124**	1
	110	yellow	3P+⏚	4	**410134**	1
	110	yellow	3P+N+⏚	4	**410144**	1
	230	blue	2P+⏚	6	**410126**	1
	230	blue	3P+⏚	9	**410139**	1
	230	blue	3P+N+⏚	9	**410149**	1
	400	red	2P+⏚	9	**410129**	1
	400	red	3P+⏚	6	**410136**	1
	400	red	3P+N+⏚	6	**410146**	1
	500	black	3P+⏚	7	**410137**	1
	500	black	3P+N+⏚	7	**410147**	1
32	110	yellow	2P+⏚	4	**410224**	1
	110	yellow	3P+⏚	4	**410234**	1
	110	yellow	3P+N+⏚	4	**410244**	1
	230	blue	2P+⏚	6	**410226**	1
	230	blue	3P+⏚	9	**410239**	1
	230	blue	3P+N+⏚	9	**410249**	1
	400	red	2P+⏚	9	**410229**	1
	400	red	3P+⏚	6	**410236**	1
	400	red	3P+N+⏚	6	**410246**	1
	500	black	3P+⏚	7	**410237**	1
	500	black	3P+N+⏚	7	**410247**	1
	380-440	red	3P+⏚	3	**410233**	1
63	110	yellow	2P+⏚	4	**410324**	1
	110	yellow	3P+⏚	4	**410334**	1
	110	yellow	3P+N+⏚	4	**410344**	1
	230	blue	2P+⏚	6	**410326**	1
	230	blue	3P+⏚	9	**410339**	1
	230	blue	3P+N+⏚	9	**410349**	1
	400	red	2P+⏚	9	**410329**	1
	400	red	3P+⏚	6	**410336**	1
	400	red	3P+N+⏚	6	**410346**	1
	500	black	3P+⏚	7	**410337**	1
	500	black	3P+N+⏚	7	**410347**	1
125	110	yellow	3P+⏚	4	**410434**	1
	110	yellow	3P+N+⏚	4	**410444**	1
	230	blue	3P+⏚	9	**410439**	1
	230	blue	3P+N+⏚	9	**410449**	1
	400	red	3P+⏚	6	**410436**	1
	400	red	3P+N+⏚	6	**410446**	1
	500	black	3P+⏚	7	**410437**	1
	500	black	3P+N+⏚	7	**410447**	1

Features: rotoswitches padlockable in position 0 and 1 with padlock code 419000. The sockets are designed to allow for padlocking, either in a stand-alone fashion or connected to the plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.

Technical accessories:



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Switch status auxiliary contact
for ROTOR 125A socket-outlets

Max power (VA)	Max voltage DC/AC (V)	Max current (mA)	Contact type	Palazzoli code	Pack Qty
3	100	250	1 NO	**419010**	1



Panel-mounted straight
rotoswitched socket-outlets
safety performance
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65x83	yellow	2P+⏚	4	**412124**	1
	230	65x83	blue	2P+⏚	6	**412126**	1
	400	65x83	red	3P+⏚	6	**412136**	1
	400	65x83	red	3P+N+⏚	6	**412146**	1
32	110	65x83	yellow	2P+⏚	4	**412224**	1
	230	65x83	blue	2P+⏚	6	**412226**	1
	400	65x83	red	3P+⏚	6	**412236**	1
	400	100x108	red	3P+N+⏚	6	**412246**	1
	380-440	65x83	red	3P+⏚	3	**412233**	1
63	230	100x108	blue	2P+⏚	6	**412326**	1
	400	100x108	red	3P+⏚	6	**412336**	1
	400	100x108	red	3P+N+⏚	6	**412346**	1
125	400	114x114	red	3P+⏚	6	**412436**	1
	400	114x114	red	3P+N+⏚	6	**412446**	1



20° angled panel-mounted
rotoswitched socket-outlets
safety performance
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	65x83	yellow	2P+⏚	4	**413124**	1
	230	65x83	blue	2P+⏚	6	**413126**	1
	400	65x83	red	3P+⏚	6	**413136**	1
	400	65x83	red	3P+N+⏚	6	**413146**	1
32	110	65x83	yellow	2P+⏚	4	**413224**	1
	230	65x83	blue	2P+⏚	6	**413226**	1
	400	65x83	red	3P+⏚	6	**413236**	1
	400	100x108	red	3P+N+⏚	6	**413246**	1
63	230	100x108	blue	2P+⏚	6	**413326**	1
	400	100x108	red	3P+⏚	6	**413336**	1
	400	100x108	red	3P+N+⏚	6	**413346**	1
125	400	114x114	red	3P+⏚	6	**413436**	1
	400	114x114	red	3P+N+⏚	6	**413446**	1



65° angled wall-mounted
rotoswitched socket-outlets
safety performance
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**416124**	1
	230	blue	2P+⏚	6	**416126**	1
	400	red	3P+⏚	6	**416136**	1
	400	red	3P+N+⏚	6	**416146**	1
32	110	yellow	2P+⏚	4	**416224**	1
	230	blue	2P+⏚	6	**416226**	1
	400	red	3P+⏚	6	**416236**	1
	400	red	3P+N+⏚	6	**416246**	1
63	230	blue	2P+⏚	6	**416326**	1
	400	red	3P+⏚	6	**416336**	1
	400	red	3P+N+⏚	6	**416346**	1
125	400	red	3P+⏚	6	**416436***	1
	400	red	3P+N+⏚	6	**416446***	1

Common features: rotoswitched socket-outlets padlockable in position 0 and 1 with padlock code 419000. The sockets are designed to allow for padlocking, either in a stand-alone fashion or connected to the plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.
***Notes:** 125A socket-outlets, 80° angled.

ROTOR

Interlocked socket-outlets in technopolymer with rotoswitch



Combinable rotoswitch inserts
safety performance
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	50/60Hz	110	yellow	2P+⏚	4	**419124**	1
	50/60Hz	110	yellow	3P+⏚	4	**419134**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**419144**	1
	50/60Hz	220	blue	2P+⏚	6	**419126**	1
	50/60Hz	220	blue	3P+⏚	9	**419139**	1
	50/60Hz	220	blue	3P+N+⏚	9	**419149**	1
	50/60Hz	400	red	2P+⏚	9	**419129**	1
	50/60Hz	400	red	3P+⏚	6	**419136**	1
	50/60Hz	400	red	3P+N+⏚	6	**419146**	1
	50/60Hz	500	black	2P+⏚	7	**419127**	1
	50/60Hz	500	black	3P+⏚	7	**419137**	1
	50/60Hz	500	black	3P+N+⏚	7	**419147**	1
	50/60Hz	690	black	3P+⏚	5	**419135**	1
	50/60Hz	690	black	3P+N+⏚	5	**419145**	1
	100-300Hz	>50	green	2P+⏚	10	**419120**	1
	100-300Hz	>50	green	3P+⏚	10	**419130**	1
	100-300Hz	>50	green	3P+N+⏚	10	**419140**	1
	60Hz	440-460	red	3P+⏚	11	**419131**	1
	60Hz	440-460	red	3P+N+⏚	11	**419141**	1
	50/60Hz	>50	grey	2P+⏚	12	**419128**	1
	50/60Hz	>50	grey	3P+⏚	12	**419138**	1
	300/500Hz	>50	green	2P+⏚	2	**419122**	1
	300/500Hz	>50	green	3P+⏚	2	**419132**	1
	300/500Hz	>50	green	3P+N+⏚	2	**419142**	1
	50/60Hz	380-440	red	3P+⏚	3	**419133**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**419143**	1
32	50/60Hz	110	yellow	2P+⏚	4	**419224**	1
	50/60Hz	110	yellow	3P+⏚	4	**419234**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**419244**	1
	50/60Hz	220	blue	2P+⏚	6	**419226**	1
	50/60Hz	220	blue	3P+⏚	9	**419239**	1
	50/60Hz	220	blue	3P+N+⏚	9	**419249**	1
	50/60Hz	400	red	2P+⏚	9	**419229**	1
	50/60Hz	400	red	3P+⏚	6	**419236**	1
	50/60Hz	400	red	3P+N+⏚	6	**419246**	1
	50/60Hz	500	black	2P+⏚	7	**419227**	1
	50/60Hz	500	black	3P+⏚	7	**419237**	1
	50/60Hz	500	black	3P+N+⏚	7	**419247**	1
	50/60Hz	690	black	3P+⏚	5	**419235**	1
	50/60Hz	690	black	3P+N+⏚	5	**419245**	1
	100-300Hz	>50	green	2P+⏚	10	**419220**	1
	100-300Hz	>50	green	3P+⏚	10	**419230**	1
	100-300Hz	>50	green	3P+N+⏚	10	**419240**	1
	60Hz	440-460	red	3P+⏚	11	**419231**	1
	60Hz	440-460	red	3P+N+⏚	11	**419241**	1
	50/60Hz	>50	grey	2P+⏚	12	**419228**	1
	50/60Hz	>50	grey	3P+⏚	12	**419238**	1
	300/500Hz	>50	green	2P+⏚	2	**419222**	1
	300/500Hz	>50	green	3P+⏚	2	**419232**	1
	300/500Hz	>50	green	3P+N+⏚	2	**419242**	1
	50/60Hz	380-440	red	3P+⏚	3	**419233**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**419243**	1

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	50/60Hz	110	yellow	2P+⏚	4	**419324**	1
	50/60Hz	110	yellow	3P+⏚	4	**419334**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**419344**	1
	50/60Hz	220	blue	2P+⏚	6	**419326**	1
	50/60Hz	220	blue	3P+⏚	9	**419339**	1
	50/60Hz	220	blue	3P+N+⏚	9	**419349**	1
	50/60Hz	400	red	2P+⏚	9	**419329**	1
	50/60Hz	400	red	3P+⏚	6	**419336**	1
	50/60Hz	400	red	3P+N+⏚	6	**419346**	1
	50/60Hz	500	black	2P+⏚	7	**419327**	1
	50/60Hz	500	black	3P+⏚	7	**419337**	1
	50/60Hz	500	black	3P+N+⏚	7	**419347**	1
	50/60Hz	690	black	3P+⏚	5	**419335**	1
	50/60Hz	690	black	3P+N+⏚	5	**419345**	1
	100-300Hz	>50	green	2P+⏚	10	**419320**	1
	100-300Hz	>50	green	3P+⏚	10	**419330**	1
	100-300Hz	>50	green	3P+N+⏚	10	**419340**	1
	60Hz	440-460	red	3P+⏚	11	**419331**	1
	60Hz	440-460	red	3P+N+⏚	11	**419341**	1
	50/60Hz	>50	grey	2P+⏚	12	**419328**	1
	50/60Hz	>50	grey	3P+⏚	12	**419338**	1
	300/500Hz	>50	green	2P+⏚	2	**419322**	1
	300/500Hz	>50	green	3P+⏚	2	**419332**	1
	300/500Hz	>50	green	3P+N+⏚	2	**419342**	1
	50/60Hz	380-440	red	3P+⏚	3	**419333**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**419343**	1
125	50/60Hz	110	yellow	2P+⏚	4	**419424**	1
	50/60Hz	110	yellow	3P+⏚	4	**419434**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**419444**	1
	50/60Hz	220	blue	2P+⏚	6	**419426**	1
	50/60Hz	220	blue	3P+⏚	9	**419439**	1
	50/60Hz	220	blue	3P+N+⏚	9	**419449**	1
	50/60Hz	400	red	2P+⏚	9	**419429**	1
	50/60Hz	400	red	3P+⏚	6	**419436**	1
	50/60Hz	400	red	3P+N+⏚	6	**419446**	1
	50/60Hz	500	black	2P+⏚	7	**419427**	1
	50/60Hz	500	black	3P+⏚	7	**419437**	1
	50/60Hz	500	black	3P+N+⏚	7	**419447**	1
	50/60Hz	690	black	3P+⏚	5	**419435**	1
	50/60Hz	690	black	3P+N+⏚	5	**419445**	1
	100-300Hz	>50	green	2P+⏚	10	**419420**	1
	100-300Hz	>50	green	3P+⏚	10	**419430**	1
	100-300Hz	>50	green	3P+N+⏚	10	**419440**	1
	60Hz	440-460	red	3P+⏚	11	**419431**	1
	60Hz	440-460	red	3P+N+⏚	11	**419441**	1
	50/60Hz	>50	grey	2P+⏚	12	**419428**	1
	50/60Hz	>50	grey	3P+⏚	12	**419438**	1
	300/500Hz	>50	green	2P+⏚	2	**419422**	1
	300/500Hz	>50	green	3P+⏚	2	**419432**	1
	300/500Hz	>50	green	3P+N+⏚	2	**419442**	1
	50/60Hz	380-440	red	3P+⏚	3	**419433**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**419443**	1

Features: rotoswitches padlockable in position 0 and 1 with padlock code 419000. The sockets are designed to allow for padlocking, either in a stand-alone fashion or connected to the plugs. The padlock must have a min. shackle width of 10.5 mm, a height of 32 mm and a max. wire Ø of 3.5 mm.

Dimensions on page 466 *Technical data on page 98*

ROTOR

Interlocked socket-outlets in technopolymer with rotoswitch



Handles for inserts
IP66/IP67/IP68/IP69

Rated current (A)	Poles	Entry cable diameter (mm)	Palazzoli code	Pack Qty
16	2P+⏚	6.3 - 18	**419001**	5
	3P+⏚	6.3 - 18	**419002**	5
	3P+N+⏚	9 - 23	**419003**	5
32	2P+⏚ / 3P+⏚	9 - 23		
	3P+N+⏚	13 - 27	**419004**	5
63	2P+⏚ / 3P+⏚ / 3P+N+⏚	14 - 36	**419005**	5
125	2P+⏚ / 3P+⏚ / 3P+N+⏚	16 - 50	**419006**	5



Straight panel-mounted flanges
for inserts
IP66/IP67/IP68/IP69

Rated current (A)	Poles	Flange dimensions (mm)	Palazzoli code	Pack Qty
16	2P+⏚	65x83	**419021**	5
	3P+⏚	65x83	**419022**	5
	3P+N+⏚	65x83	**419023**	5
32	2P+⏚ / 3P+⏚	65x83		
	3P+N+⏚	100x108	**419024**	5
63	2P+⏚ / 3P+⏚ / 3P+N+⏚	100 x 108	**419025**	5
125	2P+⏚ / 3P+⏚ / 3P+N+⏚	114x114	**419026**	5



20° angled panel-mounted flanges
for inserts
IP66/IP67/IP68/IP69

Rated current (A)	Poles	Flange dimensions (mm)	Palazzoli code	Pack Qty
16	2P+⏚	65x83	**419031**	5
	3P+⏚	65x83	**419032**	5
	3P+N+⏚	65x83	**419033**	5
32	2P+⏚ / 3P+⏚	65x83		
	3P+N+⏚	100x108	**419034**	5
63	2P+⏚ / 3P+⏚ / 3P+N+⏚	100x108	**419035**	5
125	2P+⏚ / 3P+⏚ / 3P+N+⏚	114x114	**419036**	5



Safety padlock with keys
for rotoswitches

Wire diameter (mm)	Material	Palazzoli code	Pack Qty
2.75	steel - brass	**419000**	1



65° angled wall-mounted
modular boxes with TAIS system
for panel-mounted devices
IP66/IP67/IP68/IP69

Rated current (A)	For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
16-32	65x83	92x125	**532131**	1
32-63	100x108	125x185	**532132**	1
125	114x114		**532133***	1

***Notes:** 80° angled box.



Wall-mounted modular boxes
with TAIS system
for panel-mounted devices
IP66/IP67/IP68/IP69

Rated current (A)	For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
16-32	65x83	92x125	**532101**	1
32-63	100x108	125x185	**532102**	1
125	114x114		**532103**	1



Wall-mounted modular boxes
with TAIS system
for 2 panel-mounted devices
IP66/IP67/IP68/IP69

Rated current (A)	For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
16-32	2x(65x83)	92x255	**532121**	1
32-63 16-32-63	2x(100x108) or 1x(65x83)+1x(100x108)	125x352	**532122***	1

Equipment included: 1 blind flange.
*1 flange adaptor frame, from flange 100x108 to flange 65x83, code 532841.



Flange adaptor frame
from 100x108 flange to 65x83 flange
for wall-mounted boxes
IP66/IP67/IP68/IP69

Frame dimensions (mm)	For flange with dimensions (mm)	Palazzoli code	Pack Qty
100x108	65x83	**532841**	1



Blind flanges
for wall-mounted boxes
IP66/IP67/IP68/IP69

Flange dimensions (mm)	Palazzoli code	Pack Qty
65x83	**532843**	1
100x108	**532842**	1

TAIS



TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

ADVANTAGES



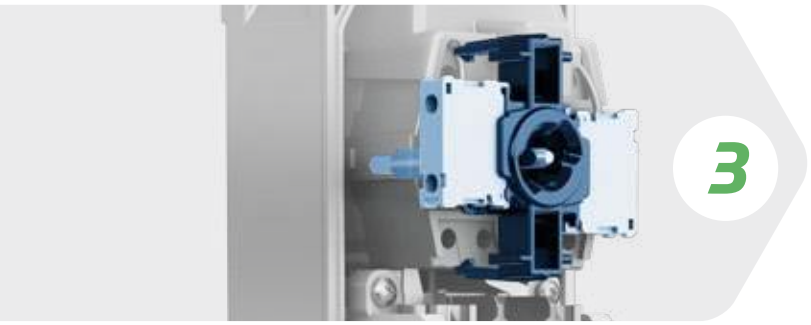
1

Palazzoli Thermosetting GRP is flame-retardant, does not produce smoke nor emits halogens.

Handle designed to allow triple padlocking prevents operation by unauthorised persons.
The handle allows to identify the switch status even from distance.

2





3

The switch is designed to accommodate two auxiliary remote signalling contacts

The ceramic fuse holder base resists high temperatures generated in the case of circuit failures.
Cylindrical fuses with lever extraction allow quick replacement.

4



For quick and easy installation, scan the **QR code**.

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP



Body material	**Palazzoli Thermosetting GRP**
Colour	**RAL 5015 Sky blue (cover)** **RAL 7042 Traffic grey (base)**
Protection rating	**IP66/IP67**
Additional IP rating	**IP69**
Impact resistance	**IK10**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-30°C - +50°C** **-30°C - +60°C (direct)**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A - 32A - 63A - 125A**
Operating voltage	**24V - 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

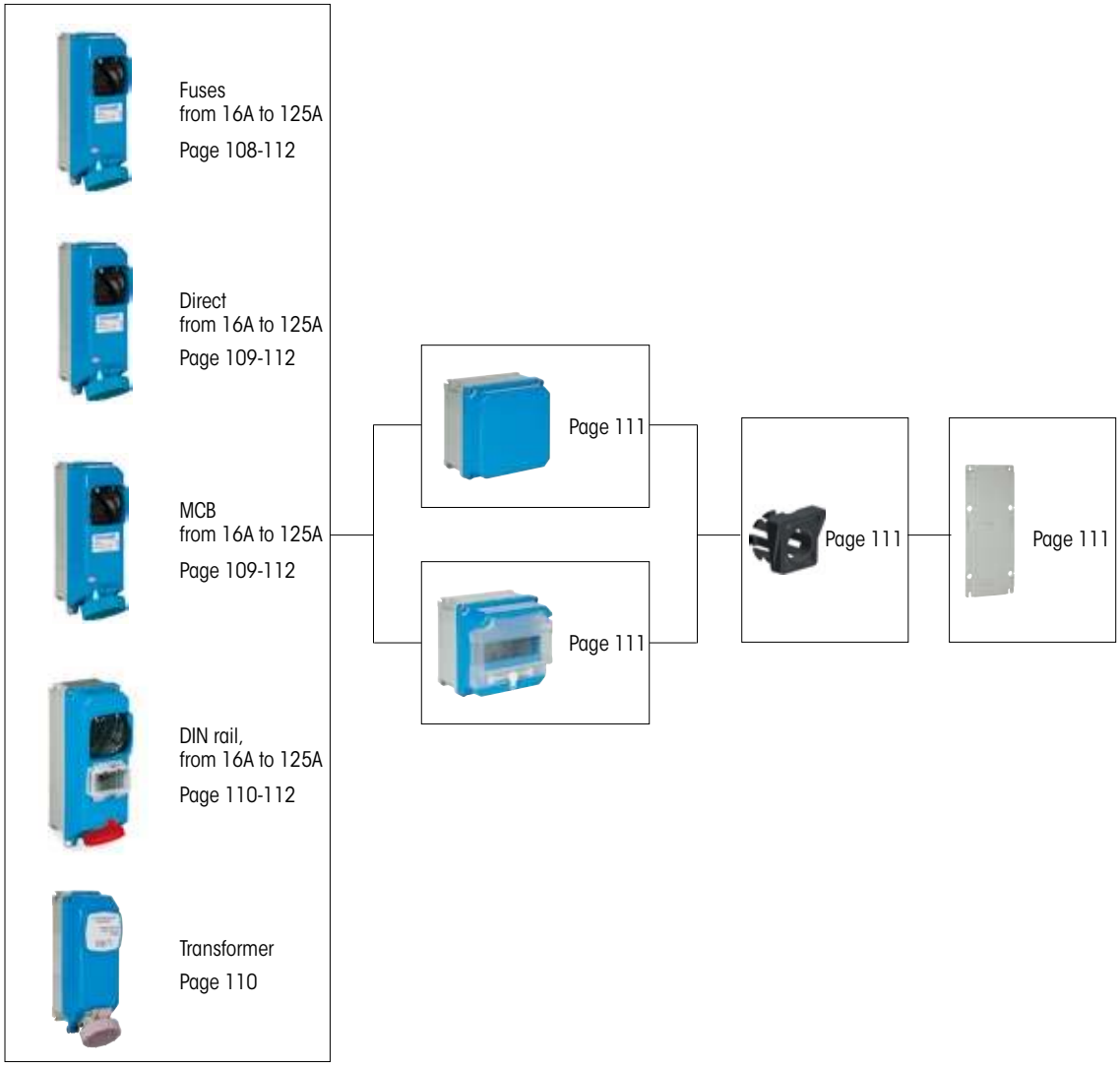
Rated operating current:			**16A**	**32A**	**63A**	**125A**
Thermal current Ith		**A**	**16**	**32**	**63**	**125**
AC-21A	110 V - 690 V	A	16	32	63	125
AC-22A	110 V - 690 V	A	16	32	63	125
AC-23A	110V	A	16	32	63	-
	230V					-
	400V					125
	500V					100
	690V					63
AC-23A	110V	kW	2.4	4.9	9.6	-
	230V		5.1	10.2	20.1	30
	400V		8.9	17.7	34.9	55
	500V		11.1	22.2	43.6	55
	690V		15.3	30.6	60.2	55
AC-3	110V	kW	2.4	4.9	7.6	-
	230V		5.1	10.2	15.9	30
	400V		8.9	17.7	27.7	55
	500V		11.1	22.2	34.6	55
	690V		15.3	30.6	47.8	55

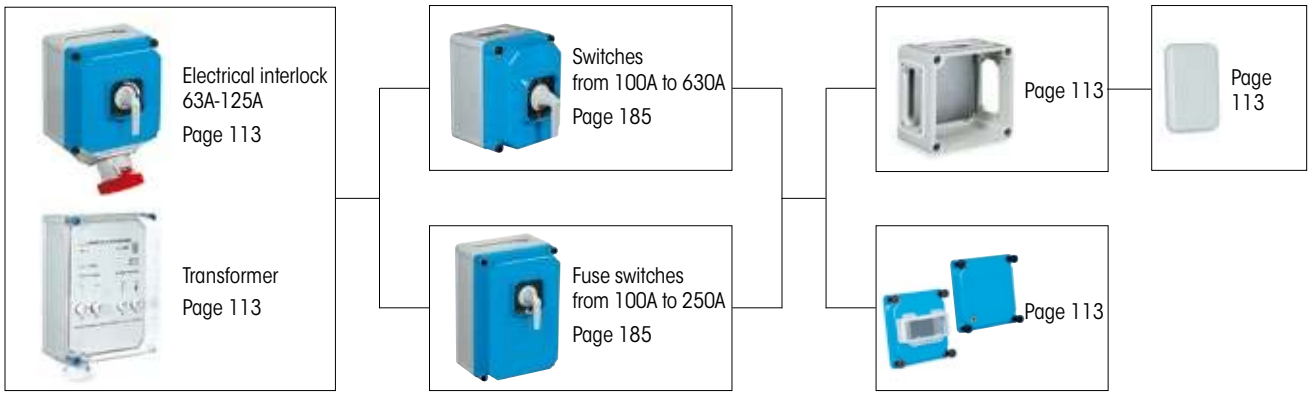
Wiring data:		**16A**	**32A**	**63A**	**125A**
Entry cable cross-section	mm^2	1 - 10		6 - 35	10 - 70
Tightening torque	Nm	2		3	4

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

MODULARITY





GUIDE TO THE COMPOSITION OF DISTRIBUTION BOARDS from 16A to 63A

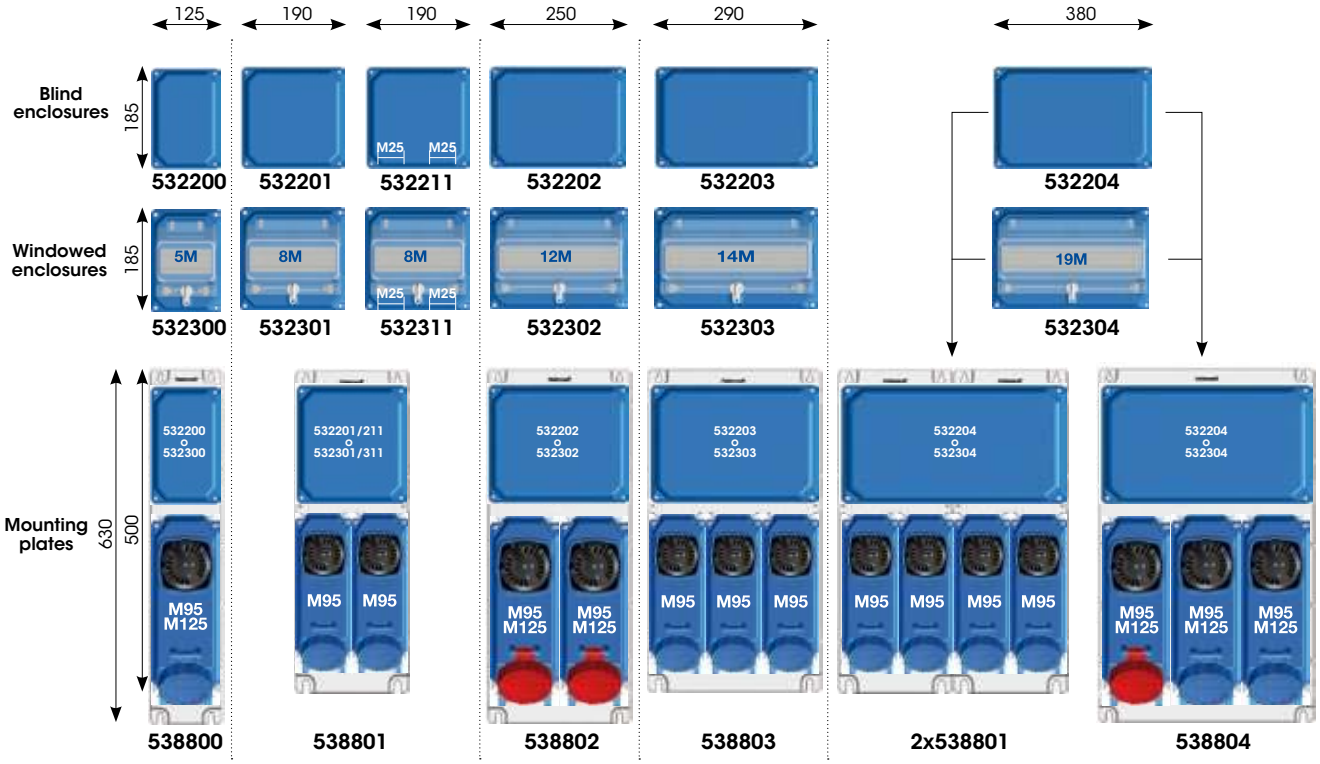
Quick-coupling fittings



M25 538425
M32 538432

I	V		No. of poles	Wall-mounted interlocked socket-outlets IP66/IP67/IP69					
				M95 M25 entry	M125 M32 entry	M95 M25 entry	M125 M32 entry	M95 M25 entry	M125 M25 entry
				 Fuses	 Fuses	 Direct supply	 Direct supply	 Transformer 150VA	 Transformer 250VA
16A	230		2P+⏚	472620		470126	467126		
	400		3P+⏚	472730		470136	467136		
			3P+N+⏚	472830		470146	467146		
32A	230		2P+⏚	468226	472621	469226	470226		
	400		3P+⏚	468236	472731	469236	470236		
			3P+N+⏚		472831		470246		
63A	400		3P+⏚		472732		470336		
			3P+N+⏚		472832		470346		
16A	24		2P					469873	471873

Examples of combinations



GUIDE TO THE PREPARATION OF DISTRIBUTION BOARDS from 16A to 125A

Threaded coupling fittings



M25 **538421**
M32 **538429**
*M40 **538436**

* Use two M40 fittings to connect the 125A socket-outlet to the box

Wall-mounted interlocked socket-outlets IP66/IP67/IP69

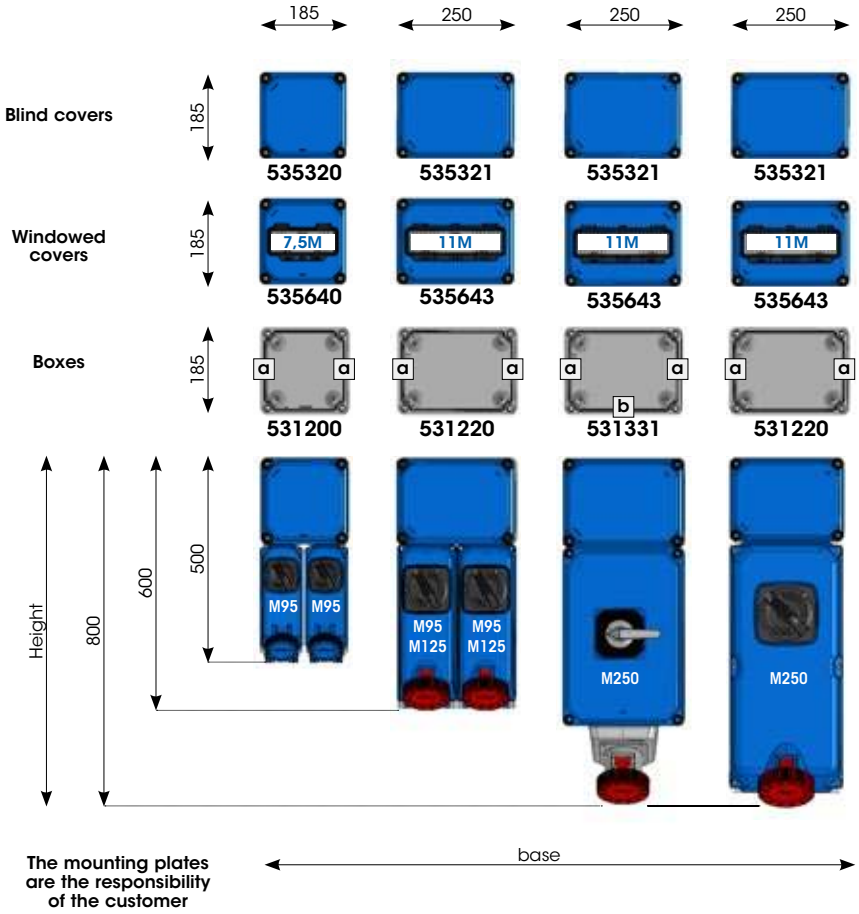
I	V		No. of poles	M95 M25 entry	M125 M32 entry	M250 blind entry	M95 M25 entry	M125 M32 entry	M250 blind entry	M250 Window b	M250 Window b	M95 M25 entry	M125 M25 entry
				 Fuses	 Fuses	 Fuses	 Direct supply	 Direct supply	 Direct supply	 Electrical interlock	 With electrical interlock and RCD	 Transformer 150VA	 Transformer 250VA
16A	230		2P+⏚	**472620**			**470126**	**467126**					
	400		3P+⏚	**472730**			**470136**	**467136**					
			3P+N+⏚	**472830**			**470146**	**467146**					
32A	230		2P+⏚	**468226**	**472621**		**469226**	**470226**					
	400		3P+⏚	**468236**	**472731**		**469236**	**470236**					
			3P+N+⏚		**472831**			**470246**					
63A	400		3P+⏚		**472732**			**470336**		**478336**	**476336**		
			3P+N+⏚		**472832**			**470346**		**478346**	**476346**		
125A	400		3P+⏚			**482436**			**480436**	**478436**	**476436**		
			3P+N+⏚			**482446**			**480446**	**478446**	**476446**		
16A	24		2P									**469873**	**471873**

Examples of combinations



Window	code
a	**538110**

Closing flanges



Instructions for making the mounting plate:
Base: sum of the widths of the boxes
Height: choose from three dimensions (800 mm, 600 mm, 500 mm) depending on the type of socket-outlets used

The mounting plates are the responsibility of the customer

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

MODULE 95





Wall-mounted interlocked socket-outlets with fuse holder base IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry 10.3x38 fuses	50/60Hz	110	yellow	2P+⏚	4	**472610**	1
	50/60Hz	110	yellow	3P+⏚	4	**472710**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**472810**	1
	50/60Hz	230	blue	2P+⏚	6	**472620**	1
	50/60Hz	230	blue	3P+⏚	9	**472720**	1
	50/60Hz	230	blue	3P+N+⏚	9	**472820**	1
	50/60Hz	400	red	2P+⏚	9	**472630**	1
	50/60Hz	400	red	3P+⏚	6	**472730**	1
	50/60Hz	400	red	3P+N+⏚	6	**472830**	1
	50/60Hz	500	black	3P+⏚	7	**472750**	1
	50/60Hz	500	black	3P+N+⏚	7	**472840**	1
	50/60Hz	>50*	grey	2P+⏚	12	**472640**	1
	50/60Hz	>50*	grey	3P+⏚	12	**472760**	1
	100-300Hz	>50	green	2P+⏚	10	**472650**	1
	100-300Hz	>50	green	3P+⏚	10	**472780**	1
	100-300Hz	>50	green	3P+N+⏚	10	**472870**	1
	>300/500Hz	>50	green	2P+⏚	2	**472660**	1
	>300/500Hz	>50	green	3P+⏚	2	**472790**	1
	>300/500Hz	>50	green	3P+N+⏚	2	**472880**	1
	60Hz	440-460	red	3P+⏚	11	**472740**	1
	60Hz	440-460	red	3P+N+⏚	11	**472850**	1
	DC	>50-250	grey	2P+⏚	3	**472670**	1
32 M25 entry 10.3x38 fuses	50/60Hz	110	yellow	2P+⏚	4	**468224**	1
	50/60Hz	110	yellow	3P+⏚	4	**468234**	1
	50/60Hz	230	blue	2P+⏚	6	**468226**	1
	50/60Hz	230	blue	3P+⏚	9	**468239**	1
	50/60Hz	400	red	2P+⏚	9	**468229**	1
	50/60Hz	400	red	3P+⏚	6	**468236**	1
	50/60Hz	380/440	red	3P+⏚	3	**468233**	1

* For isolation transformer.
Features: handle padlockable with 3 padlocks up to 8 mm.
Fuses not included.

Technical accessories:


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MODULE 125





Wall-mounted interlocked socket-outlets with fuse holder base IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32 M32 entry fuses 14x51	50/60Hz	110	yellow	2P+⏚	4	**472611**	1
	50/60Hz	110	yellow	3P+⏚	4	**472711**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**472811**	1
	50/60Hz	230	blue	2P+⏚	6	**472621**	1
	50/60Hz	230	blue	3P+⏚	9	**472721**	1
	50/60Hz	230	blue	3P+N+⏚	9	**472821**	1
	50/60Hz	400	red	2P+⏚	9	**472631**	1
	50/60Hz	400	red	3P+⏚	6	**472731**	1
	50/60Hz	400	red	3P+N+⏚	6	**472831**	1
	50/60Hz	500	black	3P+⏚	7	**472751**	1
	50/60Hz	500	black	3P+N+⏚	7	**472841**	1
	50/60Hz	690	black	3P+⏚	5	**472754**	1
	50/60Hz	690	black	3P+N+⏚	5	**472854**	1
	50/60Hz	>50*	grey	2P+⏚	12	**472641**	1
	50/60Hz	>50*	grey	3P+⏚	12	**472761**	1
	100-300Hz	>50	green	2P+⏚	10	**472651**	1
	100-300Hz	>50	green	3P+⏚	10	**472781**	1
	100-300Hz	>50	green	3P+N+⏚	10	**472871**	1
	>300/500Hz	>50	green	2P+⏚	2	**472661**	1
	>300/500Hz	>50	green	3P+⏚	2	**472791**	1
	>300/500Hz	>50	green	3P+N+⏚	2	**472881**	1
	60Hz	440-460	red	3P+⏚	11	**472741**	1
	60Hz	440-460	red	3P+N+⏚	11	**472851**	1
	DC	>50-250	grey	2P+⏚	3	**472671**	1
	50/60Hz	380/440	red	3P+⏚	3	**472771**	1
	50/60Hz	380/440	red	3P+N+⏚	3	**472861**	1
63 M32 entry fuses 22x58	50/60Hz	110	yellow	2P+⏚	4	**472612**	1
	50/60Hz	110	yellow	3P+⏚	4	**472712**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**472812**	1
	50/60Hz	230	blue	2P+⏚	6	**472622**	1
	50/60Hz	230	blue	3P+⏚	9	**472722**	1
	50/60Hz	230	blue	3P+N+⏚	9	**472822**	1
	50/60Hz	400	red	2P+⏚	9	**472632**	1
	50/60Hz	400	red	3P+⏚	6	**472732**	1
	50/60Hz	400	red	3P+N+⏚	6	**472832**	1
	50/60Hz	500	black	3P+⏚	7	**472752**	1
	50/60Hz	500	black	3P+N+⏚	7	**472842**	1
	50/60Hz	690	black	3P+⏚	5	**472755**	1
	50/60Hz	690	black	3P+N+⏚	5	**472855**	1
	50/60Hz	>50*	grey	2P+⏚	12	**472642**	1
	50/60Hz	>50*	grey	3P+⏚	12	**472762**	1
	60Hz	440-460	red	3P+⏚	11	**472742**	1
	60Hz	440-460	red	3P+N+⏚	11	**472852**	1
	DC	>50-250	grey	2P+⏚	3	**472672**	1

* For isolation transformer
Features: handle padlockable with 3 padlocks up to 8 mm.
Fuses not included.

Technical accessories:


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125

Module 125 sockets are designed for possible entry from bottom side

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

MODULE 95





Wall-mounted interlocked socket-outlets
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry	230	blue	2P+⏚	6	**470126**	1
	400	red	3P+⏚	6	**470136**	1
	400	red	3P+N+⏚	6	**470146**	1
32 M25 entry	230	blue	2P+⏚	6	**469226**	1
	400	red	3P+⏚	6	**469236**	1
	380/440	red	3P+⏚	3	**469233**	1

Features: handle padlockable with 3 padlocks up to 8 mm.

MODULE 125





Wall-mounted interlocked socket-outlets
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry	110	yellow	2P+⏚	4	**467124**	1
	230	blue	2P+⏚	6	**467126**	1
	400	red	3P+⏚	6	**467136**	1
	400	red	3P+N+⏚	6	**467146**	1
32 M32 entry	230	blue	2P+⏚	6	**470226**	1
	400	red	3P+⏚	6	**470236**	1
	400	red	3P+N+⏚	6	**470246**	1
	380/440	red	3P+⏚	3	**470233**	1
63 M32 entry	230	blue	2P+⏚	6	**470326**	1
	400	red	3P+⏚	6	**470336**	1
	400	red	3P+N+⏚	6	**470346**	1

Features: handle padlockable with 3 padlocks up to 8 mm.

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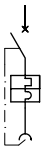

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MODULE 125





Wall-mounted interlocked socket-outlets
with MCB protection
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry Switch 4.5kA curve C	50/60Hz	110	yellow	2P+⏚	4	**474210**	1
	50/60Hz	110	yellow	3P+⏚	4	**474310**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**474410**	1
	50/60Hz	230	blue	2P+⏚	6	**474220**	1
	50/60Hz	230	blue	3P+⏚	9	**474320**	1
	50/60Hz	230	blue	3P+N+⏚	9	**474420**	1
	50/60Hz	400	red	2P+⏚	9	**474230**	1
	50/60Hz	400	red	3P+⏚	6	**474330**	1
	50/60Hz	400	red	3P+N+⏚	6	**474430**	1
	60Hz	440-460	red	3P+⏚	11	**474340**	1
	60Hz	440-460	red	3P+N+⏚	11	**474450**	1
32 M32 entry Switch 6kA curve C	50/60Hz	110	yellow	2P+⏚	4	**474611**	1
	50/60Hz	110	yellow	3P+⏚	4	**474711**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**474811**	1
	50/60Hz	230	blue	2P+⏚	6	**474621**	1
	50/60Hz	230	blue	3P+⏚	9	**474721**	1
	50/60Hz	230	blue	3P+N+⏚	9	**474821**	1
	50/60Hz	400	red	2P+⏚	9	**474631**	1
	50/60Hz	400	red	3P+⏚	6	**474731**	1
	50/60Hz	400	red	3P+N+⏚	6	**474831**	1
	60Hz	440-460	red	3P+⏚	11	**474741**	1
	60Hz	440-460	red	3P+N+⏚	11	**474851**	1
	50/60Hz	380/440	red	3P+⏚	3	**474771**	1
63 M32 entry switch 10kA curve C	50/60Hz	110	yellow	2P+⏚	4	**474612**	1
	50/60Hz	110	yellow	3P+⏚	4	**474712**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**474812**	1
	50/60Hz	230	blue	2P+⏚	6	**474622**	1
	50/60Hz	230	blue	3P+⏚	9	**474722**	1
	50/60Hz	230	blue	3P+N+⏚	9	**474822**	1
	50/60Hz	400	red	2P+⏚	9	**474632**	1
	50/60Hz	400	red	3P+⏚	6	**474732**	1
	50/60Hz	400	red	3P+N+⏚	6	**474832**	1
	60Hz	440-460	red	3P+⏚	11	**474742**	1
	60Hz	440-460	red	3P+N+⏚	11	**474852**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Voltage presence indicator.

Technical accessories:


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125

Module 125 sockets are designed for possible entry from bottom side


125

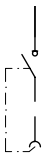
Module 125 sockets are designed for possible entry from bottom side

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

MODULE 125





Wall-mounted interlocked
socket-outlets
with DIN rail
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M25 entry 4 modules	230		2P+⏚	6	**472020**	1
	400		3P+⏚	6	**472130**	1
	400		3P+N+⏚	6	**472240**	1
32 M32 entry 4 modules	230		2P+⏚	6	**472021**	1
	400		3P+⏚	6	**472131**	1
	400		3P+N+⏚	6	**472241**	1
	380/440		3P+⏚	3	**472133**	1
63 M32 entry 4 modules	230		2P+⏚	6	**472022**	1
	400		3P+⏚	6	**472132**	1
	400		3P+N+⏚	6	**472242**	1

Equipment included: all socket-outlets are pre-wired up to the DIN rail.
Features: handle padlockable with 3 padlocks up to 8 mm.
Padlockable lid and with tamper-proof screw.
Socket-outlet prepared for bottom entry.

Technical accessories:

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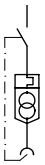
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MODULE 95





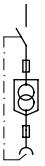
Wall-mounted interlocked
socket-outlets
with safety transformer (SELV)
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16 M25 entry	230/24	2P	150	**469873**	1

Features: class II continuous duty safety transformer activated by a plug microswitch.

MODULE 125





Wall-mounted socket-outlets
with safety transformer (SELV)
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16 M25 entry	230/24	2P	250	**471873**	1
	400/24	2P	144	**471893**	1

Features: continuous class II duty safety transformer enabled by the plug by means of microswitch.

Technical accessories:

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65° angled wall-mounted modular
boxes with TAIS system
for panel-mounted devices
IP66/IP67/IP68/IP69

For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
65x83	92x125	**532131**	1
100x108	125x185	**532132**	1
114x114		**532133**	1



Wall-mounted modular boxes
with TAIS system
for panel-mounted devices
IP66/IP67/IP68/IP69

For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
65x83	92x125	**532101**	1
100x108	125x185	**532102**	1
114x114		**532103**	1



Wall-mounted modular boxes
with TAIS system
for 2 panel-mounted devices
IP66/IP67/IP68/IP69

For flange with dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
2x(65x83)	92x255	**532121**	1
2x(100x108) or 1x(65x83)+1x(100x108)	125x352	**532122***	1

Equipment included: 1 blind flange.
*1 flange adaptor frame, from flange 100x108 to flange 65x83, code 532841.

Technical accessories:

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TAIS

Increased safety interlocked socket-outlets in thermosetting GRP



Boxes in thermosetting GRP
with blind cover
for composition of socket boards
IP66/IP67

Outer dimensions (mm)	Holes	Max. number of installable socket-outlets Mod. 95	Mod. 125	Palazzoli code	Pack Qty
125x185x125	-	1	1	**532200**	1
190x185x125	-	2	-	**532201**	1
190x185x125	2xM25	2	-	**532211**	1
250x185x125	-	2	2	**532202**	1
290x185x125	-	3	-	**532203**	1
380x185x125	-	4	3	**532204**	1

Equipment included: code 532211 with 2 fittings M25 for rapid coupling.
Supplied with drilling templates.
Notes: the following Palazzoli terminal blocks can be inserted into all boxes:
3x25mm², 4x16mm², 3x35mm², 4x25mm², 3x70mm², 4x35mm².



Boxes in thermosetting GRP
with transparent door
for composition of socket boards
IP66/IP67

Outer dimensions (mm)	Holes	Max. number of installable socket-outlets Mod. 95	Mod. 125	No. of DIN modules	Palazzoli code	Pack Qty
125x185x150	-	1	1	5	**532300**	1
190x185x150	-	2	-	8	**532301**	1
190x185x150	2xM25	2	-	8	**532311**	1
250x185x150	-	2	2	12	**532302**	1
290x185x150	-	3	-	14	**532303**	1
380x185x150	-	4	3	19	**532304**	1

Equipment included: code 532311 with 2 fittings M25 for rapid coupling.
Supplied with drilling templates. Padlockable modular door.

Technical accessories:


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Back plates
in galvanised steel
for TAIS boxes

For quick-mounting boxes with dimensions (mm)	Palazzoli code	Pack Qty
125x185	**532700**	1
190x185	**532701**	1
250x185	**532702**	1
290x185	**532703**	1
380x185	**532704**	1

Uses: for fastening terminal blocks or non-modular devices.



Mounting plates in thermosetting GRP
with guided system for the creation
of multiple socket boards

Outer dimensions (mm)	Max. number of installable socket-outlets Mod. 95	Mod. 125	Palazzoli code	Pack Qty
125x630	1	1	**538800**	1
190x500	2	-	**538801**	1
250x630	2	2	**538802**	1
290x500	3	-	**538803**	1
380x630	3	3	**538804**	1

Equipment included: built-in threaded metal dowels, supplied with screws and stainless steel washers for fixing the devices.



Coupling fitting in thermosetting GRP
for mounting plates

For mounting plate code	Palazzoli code	Pack Qty
538800, 538801, 538802, 538803, 538804 , 415801, 415802	**538791**	50

Uses: this snap-on part is fixed into the seats located on the mounting plates for interlocked socket-outlets.



Fittings for rapid coupling
in technopolymer
for composition of socket boards
IP66/IP67

Hole type	Mounting hole (mm)	Max. diameter for cable passage (mm)	Palazzoli code	Pack Qty
M25	25.5	16	**538425**	1
M32	32.5	20	**538432**	1



Tamper-proof kit
for sealing

Screw type	Description	Palazzoli code	Pack Qty
M5x20	stainless steel screws	**532100**	1

Features: cylindrical head hexagonal slot screws and 90° double crossed drilling.

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

MODULE 250





Wall-mounted interlocked socket-outlets
with fuse holder base
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
125 blind entry fuses NH00	110	yellow	3P+⏚	4	**482434**	1
	110	yellow	3P+N+⏚	4	**482444**	1
	230	blue	2P+⏚	6	**482426**	1
	230	blue	3P+⏚	9	**482439**	1
	230	blue	3P+N+⏚	9	**482449**	1
	400	red	3P+⏚	6	**482436**	1
	400	red	3P+N+⏚	6	**482446**	1
	500	black	3P+⏚	7	**482437**	1
	500	black	3P+N+⏚	7	**482447**	1
	690	black	3P+⏚	5	**482435**	1
	690	black	3P+N+⏚	5	**482445**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Fuses not included.

MODULE 250





Wall-mounted interlocked socket-outlets
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
125 blind entry	110	yellow	3P+⏚	4	**480434**	1
	110	yellow	3P+N+⏚	4	**480444**	1
	230	blue	2P+⏚	6	**480426**	1
	230	blue	3P+⏚	9	**480439**	1
	230	blue	3P+N+⏚	9	**480449**	1
	400	red	3P+⏚	6	**480436**	1
	400	red	3P+N+⏚	6	**480446**	1
	500	black	3P+⏚	7	**480437**	1
	500	black	3P+N+⏚	7	**480447**	1
	690	black	3P+⏚	5	**480435**	1
	690	black	3P+N+⏚	5	**480445**	1

Features: handle padlockable with 3 padlocks up to 8 mm.

Technical accessories:


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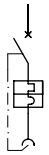

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Notes: the 125A socket-outlets are supplied with centring points to simplify drilling for cable entry or coupling with the box.

MODULE 250





Wall-mounted interlocked socket-outlets
with MCB protection
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
125 blind entry switch 18kA*	110	yellow	3P+⏚	4	**484434**	1
	110	yellow	3P+N+⏚	4	**484444**	1
	230	blue	3P+⏚	9	**484439**	1
	230	blue	3P+N+⏚	9	**484449**	1
	400	red	3P+⏚	6	**484436**	1
	400	red	3P+N+⏚	6	**484446**	1
	500	black	3P+⏚	7	**484437**	1
	500	black	3P+N+⏚	7	**484447**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
***Notes:** breaking capacity for 400 V socket-outlets.
For socket-outlets from: 110V and 230V - 25kA; 500V - 8kA.

Technical accessories:

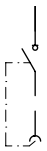

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MODULE 250





Wall-mounted interlocked socket-outlets
with DIN rail
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
125 blind entry 7.5 modules	400	red	3P+⏚	6	**483436**	1
	400	red	3P+N+⏚	6	**483446**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Padlockable lid and with tamper-proof screw.

Technical accessories:


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EASY CONTACT 63A - 125A SOCKET-OUTLETS



The multi-lamellar crown in a silver-plated copper superalloy ensures:

- wider pin-plug contact surface
- easy removal of plugs from socket-outlets
- perfect cleaning of the pin
- a solid and long-lasting electrical contact

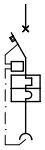
Dimensions on page 469 *Technical data on page 104*

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP

MODULE 250





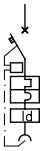
Wall-mounted socket-outlets
with electrical interlock
and MCB protection
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 window b	400	red	3P+⏚	6	**478336**	1
	400	red	3P+N+⏚	6	**478346**	1
	500	black	3P+⏚	7	**478337**	1
	500	black	3P+N+⏚	7	**478347**	1
125 window b	400	red	3P+⏚	6	**478436**	1
	400	red	3P+N+⏚	6	**478446**	1
	500	black	3P+⏚	7	**478437**	1
	500	black	3P+N+⏚	7	**478447**	1

Features: complete with pilot contact used for the electrical interlock.
Sealable screws. Handle padlockable in the "0" position with 2 padlocks up to 4,5 mm.
Notes: the mounting plates are the responsibility of the customer.
Characteristics of MCB on page 134.

MODULE 250





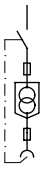
Wall-mounted socket-outlets
with electrical interlock
and MCB/RCD protection
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 window b	400	red	3P+⏚	6	**476336**	1
	400	red	3P+N+⏚	6	**476346**	1
	500	black	3P+⏚	7	**476337**	1
	500	black	3P+N+⏚	7	**476347**	1
125 window b	400	red	3P+⏚	6	**476436**	1
	400	red	3P+N+⏚	6	**476446**	1
	500	black	3P+⏚	7	**476437**	1
	500	black	3P+N+⏚	7	**476447**	1

Features: complete with pilot contact used for the electrical interlock.
Sealable screws. Handle padlockable in the "0" position with 2 padlocks up to 4,5 mm.
Notes: the mounting plates are the responsibility of the customer.
Characteristics of MCB on page 134.

MODULE 250





Wall-mounted socket-outlets
with transformer
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16 window b	230/48	2P	720	**471819**	1
	400/48	2P	720	**471839**	1

Features: continuous class II duty safety transformer enabled by the plug by means of microswitch. Sealable screws.
Notes: mouth of the 32A socket with microswitch of plug code 477106. The mounting plate is the responsibility of the customer.



Boxes in thermosetting GRP
for the preparation
of watertight enclosures
IP67

Outer dimensions (mm)	Window type	Installable socket module	Palazzoli code	Pack Qty
185x185x115	a a	2x95	**531200**	1
250x185x115	a a	2x95/2x125 1x250	**531220**	1
250x185x115	a a b	1x250 window b	**531331**	1

Equipment included: back plates. Drilling templates.



Blind boxes in thermosetting GRP
for the preparation of watertight
enclosures
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
185x185	25	**535320**	1
250x185	25	**535321**	1

Equipment included: complete with captive screws that can be sealed.



Covers in thermosetting GRP
with transparent window
according to EN50022 and accessories
for the preparation of watertight
enclosures
IP67

For boxes with dimensions (mm)	No. of modules EN50022	Cover height (mm)	Lid height (mm)	Palazzoli code	Pack Qty
185x185	7.5	25	30	**535640**	1
250x185	11	25	30	**535643**	1

Equipment included: complete with captive screws that can be sealed.
Features: padlockable lid with tamper-proof screw.



Flat blind flanges in thermosetting GRP
for the preparation of watertight
enclosures
IP67

Type	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Qty
a	110x60	15	**538110**	2
b	175x60	15	**538210**	2

TAIS

Increased safety interlocked socket-outlets in thermosetting GRP



Adaptors in insulating material from Pg hole to metric hole IP67

Pg	From hole Metric	to metric hole	Palazzoli code	Pack Qty
21	M25	M25	**538421**	1
29	M32	M32	**538429**	1
36	M40	M40	**538436**	1

Features: they allow to couple sockets with Pg or metric hole to boxes with metric hole and viceversa.



Bus bar supports in insulating material for TAIS boxes

Installable on window type	Installable bus bars (mm)	Palazzoli code	Pack Qty
a	3 x 16x4 (16x5 - 20x4 - 20x5), 2 by 16x4 (earth and neutral), 3 of ø 9 (auxiliary circuits)	**538180**	1

Uses: they are used to facilitate the application of conductor busbars in watertight distribution boards composed of equipment in TAIS Grande modular insulating boxes with windows type 'a', 'b'.



Cable glands in insulating material with metric pitch, long threading IP68

Threading	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	15	**581112**	100
M16x1.5	16.5	3.5-10	15	**581116**	50
M20x1.5	20.5	7-14	15	**581120**	50
M25x1.5	25.5	9-18	15	**581125**	25
M32x1,5	32.5	14-25	15	**581132**	20
M40x1.5	40.5	18-32	16	**581140**	10
M50x1.5	50.5	24-38.5	16	**581150**	5
M63x1.5	63.5	35-48	16	**581163**	5



Auxiliary contacts for switch status signalling

Rated current (A)	Switch type	Contact type	Palazzoli code	Pack Qty
10	16A-125A	1 NC (Late break)	**270326**	1
		1 NO postponed	**270327**	1
		1 NC	**270330**	1
		1 NO	**270331**	1
		1 NO + 1 NC	**270332**	1

Features: code 270332 consisting of 2 contacts.



Metric pitch locknuts in insulating material

Threading	Palazzoli code	Pack Qty
M12x1,5	**581212**	50
M16x1.5	**581216**	50
M20x1.5	**581220**	50
M25x1.5	**581225**	50
M32x1,5	**581232**	50
M40x1.5	**581240**	20
M50x1.5	**581250**	10
M63x1.5	**581263**	5

Uses: for fixing cable glands with metric thread on walls with through-holes.



Cup shaped milling cutters in steel for quick drill connection with tungsten carbide gear teeth specific for thermosetting GRP

Hole type	Diameter (mm)	Palazzoli code	Pack Qty
M20	20.5	**538410**	1
M25	25.5		
M32	32.5		
M40	40.5		

THE TAIS + XCEE SYSTEM



The XCEE series is perfectly compatible with the TAIS series.

This feature significantly facilitates the integration of Palazzoli's installations with convenience.

Plugs and sockets can be installed:

- in boxes in thermosetting GRP, to create multiple configurations to be fixed individually to the wall
- in sloping boxes to obtain 65° or 85° devices and reduce overall dimensions
- on plates in thermosetting GRP to be fixed on top of a blind enclosure or a control unit for protection against overcurrent and overvoltage
- in series with TAIS socket-outlets, either as a plug for powering the distribution board or as a socket-outlet for drawing energy
- in combination with domestic sockets, including watertight sockets, for powering industrial and domestic loads.

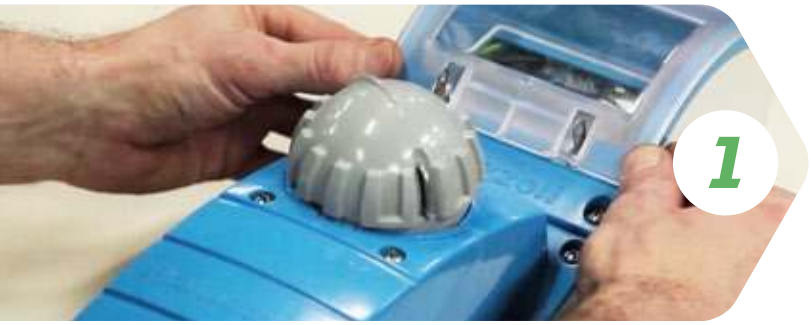
ULYSSE



ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP

ADVANTAGES



1

Pre-wired sockets and the easy quick fitting system make ULYSSE the quickest to install in the market of heavy-duty interlocked socket-outlets.

With just a few codes you can realize endless installation solutions. Also the 63A socket is perfectly modular which allows to keep the quick installation characteristics and maintain the valuable aesthetic appearance.

2





3

Design and expertise create a new kind of operation with semi spherical shape, easy to handle even with gloves on and padlockable in 0 and 1 positions.

The double protection rating IP66 and IP67 guarantees resistance against powerful jets of water (IP66) and protection against accidental immersion (IP67).

4



For quick and easy installation, scan the **QR code**.

ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP



Body material	**Palazzoli Thermosetting GRP**
Colour	**RAL 5015 Sky blue (cover) RAL 7035 Light grey (base)**
Protection rating	**IP66/IP67**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**850°C (insert) 960°C (enclosure)**
Flammability class	**V-2 (insert) V-0 (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A - 32A - 63A**
Operating voltage	**24V - 440V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**

CE

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

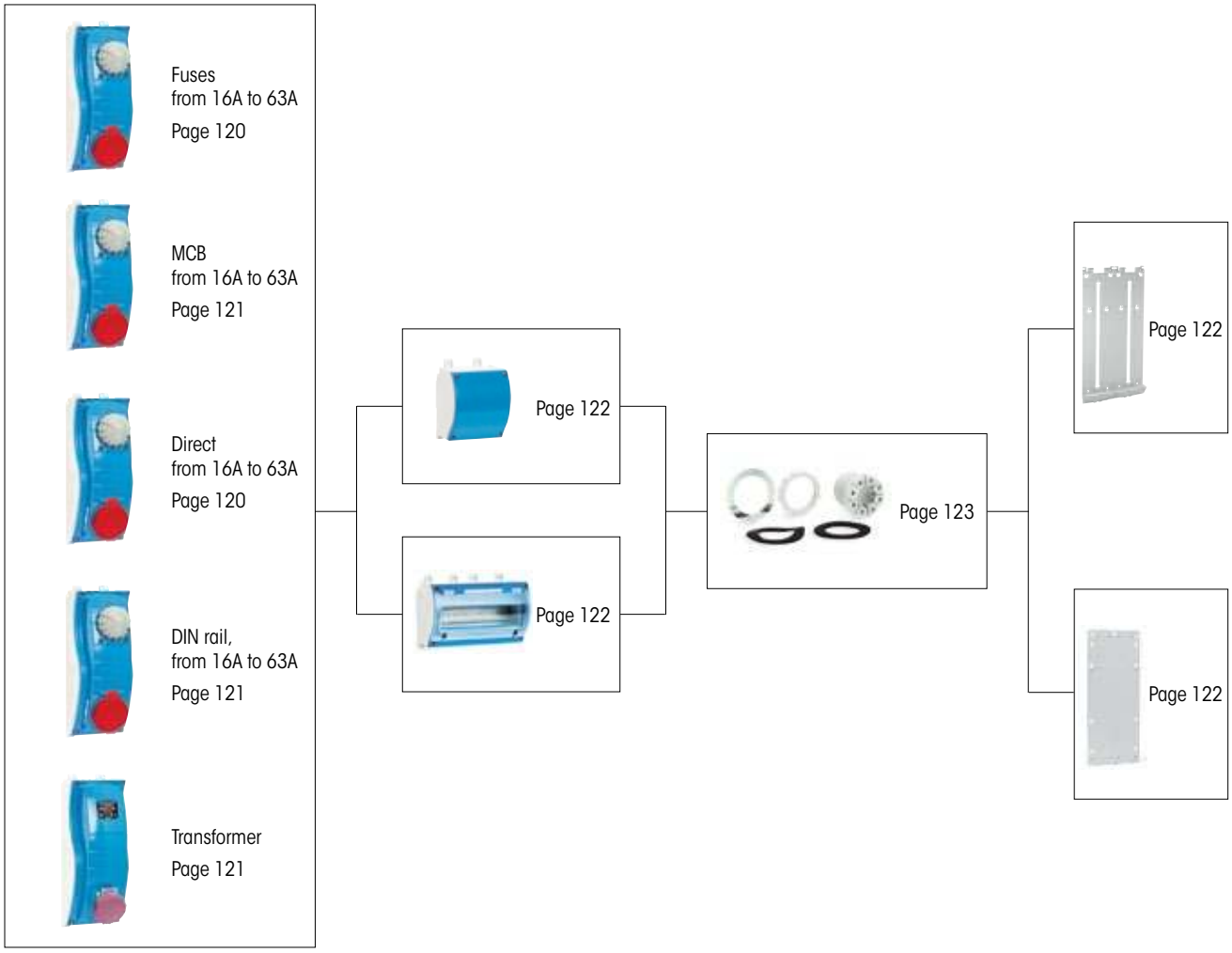
Rated operating current:			**16A**	**32A**	**63A**
Thermal current Ith		**A**	**16**	**32**	**63**
AC-21A	110 V - 440 V	A	16	32	63
AC-22A	110 V - 440 V	A	16	32	63
AC-23A	110V	A	16	32	63
	230V				
	400V				
	440V				
AC-23A	110V	kW	2.4	4.9	9.6
	230V		5.1	10.2	20.1
	400V		8.9	17.7	34.9
	440V		9.8	19.5	38.4
AC-3	110V	kW	2.4	4.9	9.6
	230V		5.1	10.2	20.1
	400V		8.9	17.7	34.9
	440V		9.8	19.5	38.4

Pre-wiring data:		**16A**	**32A**	**63A**
Cable section	mm^2	2.5	6	10
Cable length	cm	40	40	40

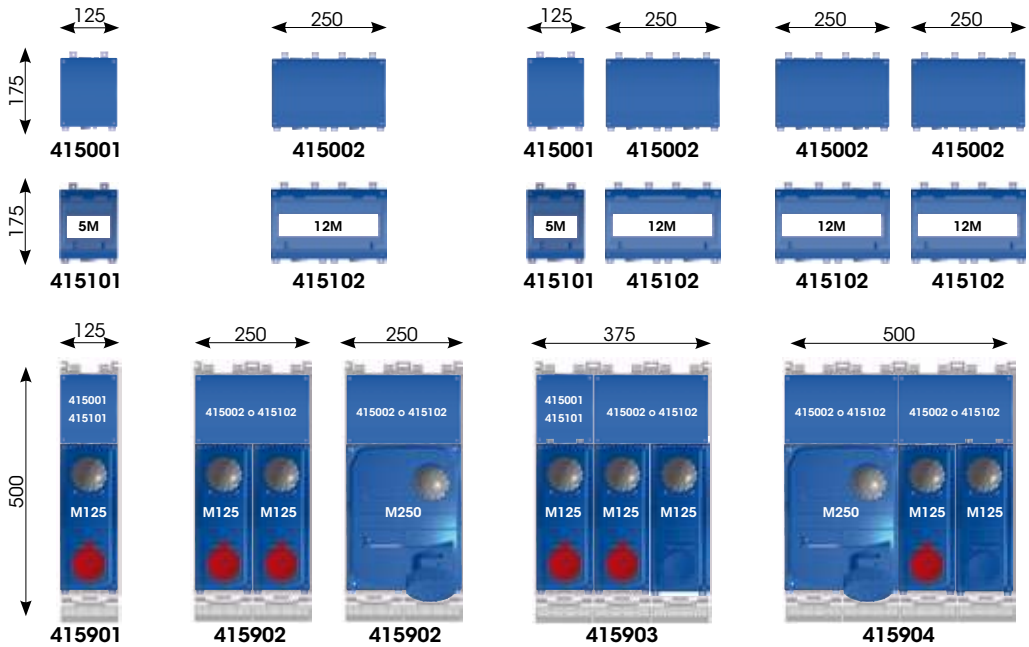
ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP

MODULARITY



Examples of combinations

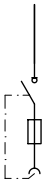


ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP

MODULE 125





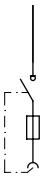
Wall-mounted
interlocked socket-outlets
with fuse holder base
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry Pg29 10.3x38 fuses	110	yellow	2P+⏚	4	**400124**	1
	110	yellow	3P+⏚	4	**400134**	1
	110	yellow	3P+N+⏚	4	**400144**	1
	230	blue	2P+⏚	6	**400126**	1
	230	blue	3P+⏚	9	**400139**	1
	230	blue	3P+N+⏚	9	**400149**	1
	400	red	2P+⏚	9	**400129**	1
	400	red	3P+⏚	6	**400136**	1
	400	red	3P+N+⏚	6	**400146**	1
32 entry Pg29 fuses 14x51	110	yellow	2P+⏚	4	**400224**	1
	110	yellow	3P+⏚	4	**400234**	1
	110	yellow	3P+N+⏚	4	**400244**	1
	230	blue	2P+⏚	6	**400226**	1
	230	blue	3P+⏚	9	**400239**	1
	230	blue	3P+N+⏚	9	**400249**	1
	400	red	2P+⏚	9	**400229**	1
	400	red	3P+⏚	6	**400236**	1
	400	red	3P+N+⏚	6	**400246**	1
	380/440	red	3P+⏚	3	**400233**	1

Equipment included: all the sockets are pre-wired with stripped and numbered cables.
Features: fuses not included. Handle padlockable with 2 padlocks up to 6 mm.

MODULE 250





Wall-mounted
interlocked socket-outlets
with fuse holder base
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 entry 2xPg29 fuses D02	110	yellow	2P+⏚	4	**400324**	1
	110	yellow	3P+⏚	4	**400334**	1
	110	yellow	3P+N+⏚	4	**400344**	1
	230	blue	2P+⏚	6	**400326**	1
	230	blue	3P+⏚	9	**400339**	1
	230	blue	3P+N+⏚	9	**400349**	1
	400	red	2P+⏚	9	**400329**	1
	400	red	3P+⏚	6	**400336**	1
	400	red	3P+N+⏚	6	**400346**	1

Equipment included: all the sockets are pre-wired with stripped and numbered cables.
Features: the 63A socket is perfectly modular with the 16A and 32A versions (it has the same height and double width) and can be installed evenly with the same accessories. Fuses not included. Handle padlockable with 2 padlocks up to 6 mm.

Technical accessories:


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MODULE 125





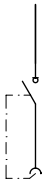
Wall-mounted
interlocked socket-outlets
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry Pg29	230	blue	2P+⏚	6	**408126**	1
	400	red	3P+⏚	6	**408136**	1
	400	red	3P+N+⏚	6	**408146**	1
32 entry Pg29	230	blue	2P+⏚	6	**408226**	1
	400	red	3P+⏚	6	**408236**	1
	400	red	3P+N+⏚	6	**408246**	1
	380/440	red	3P+⏚	3	**408233**	1

Equipment included: all the socket-outlets are pre-wired with stripped and numbered cables.
Features: handle padlockable with 2 padlocks up to 6 mm.

MODULE 250





Wall-mounted
interlocked socket-outlets
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 entry 2xPg29	230	blue	2P+⏚	6	**408326**	1
	400	red	3P+⏚	6	**408336**	1
	400	red	3P+N+⏚	6	**408346**	1

Equipment included: all the socket-outlets are pre-wired with stripped and numbered cables.
Features: socket connected directly to the switch.
The 63A socket-outlet is perfectly modular with the 16A and 32A versions (it has the same height and double width) and can be installed homogeneously with the same accessories.
Padlockable handle with 2 padlocks up to 6 mm.

Technical accessories:


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ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP

MODULE 125





Wall-mounted
interlocked socket-outlets
with MCB protection
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry Pg29 switch 4.5kA curve C	230	blue	2P+⏚	6	**403126**	1
	400	red	3P+⏚	6	**403136**	1
	400	red	3P+N+⏚	6	**403146**	1
32 entry Pg29 switch 6kA curve C	230	blue	2P+⏚	6	**403226**	1
	400	red	3P+⏚	6	**403236**	1
	400	red	3P+N+⏚	6	**403246**	1

Equipment included: all the sockets are pre-wired with stripped and numbered cables.
Features: handle padlockable with 2 padlocks up to 6 mm.

MODULE 250





Wall-mounted
interlocked socket-outlets
with MCB protection
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 entry 2xPg29 switch 10kA curve C	230	blue	2P+⏚	6	**403326**	1
	400	red	3P+⏚	6	**403336**	1
	400	red	3P+N+⏚	6	**403346**	1

Equipment included: all the socket-outlets are pre-wired with stripped and numbered cables.
Features: the 63A socket is perfectly modular with the 16A and 32A versions (it has the same height and double width) and can be installed evenly with the same accessories. Padlockable handle with 2 padlocks up to 6 mm.

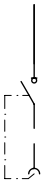
Technical accessories:


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MODULE 125





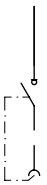
Wall-mounted
interlocked socket-outlets
with DIN rail
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry Pg29 4.5 modules	230	blue	2P+⏚	6	**406126**	1
	400	red	3P+⏚	6	**406136**	1
	400	red	3P+N+⏚	6	**406146**	1
32 entry Pg29 4.5 modules	230	blue	2P+⏚	6	**406226**	1
	400	red	3P+⏚	6	**406236**	1
	400	red	3P+N+⏚	6	**406246**	1
	380/440	red	3P+⏚	3	**406233**	1

Equipment included: all the sockets are pre-wired up to the DIN rail.
Features: handle padlockable with 2 padlocks up to 6 mm.

MODULE 250





Wall-mounted
interlocked socket-outlets
with DIN rail
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 entry 2xPg29 6 modules	230	blue	2P+⏚	6	**406326**	1
	400	red	3P+⏚	6	**406336**	1
	400	red	3P+N+⏚	6	**406346**	1

Equipment included: all the sockets are pre-wired up to the DIN rail.
Features: the 63A socket-outlet is perfectly modular with the 16A and 32A versions (it has the same height and double width) and can be installed evenly with the same accessories. Handle padlockable with 2 padlocks up to 6 mm.

Technical accessories:


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MODULE 125





Wall-mounted
socket-outlet
with safety transformer (SELV)
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16 entry Pg29	230/24	2P	150	**409873**	1

Equipment included: all the sockets are pre-wired with stripped and numbered cables.
Features: transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.

Technical accessories:


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ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP



Boxes in thermosetting GRP
with blind cover for composition
of socket boards
IP66/IP67

Outer dimensions (mm)	No. of upper entries	No. of lower entries	Palazzoli code	Pack Qty
125x175x128	blind	1	**415001**	1
250x175x128		2	**415002**	1

Equipment included: coupling fitting. Gaskets for interlocked socket-outlets.
Features: smooth upper and side walls with references for drilling.



Boxes in thermosetting GRP
with transparent window
for composition of socket boards
IP66/IP67

Outer dimensions (mm)	No. of DIN modules	No. of upper entries	No. of lower entries	Palazzoli code	Pack Qty
125x175x128	5	blind	1	**415101**	1
250x175x128	12		2	**415102**	1

Equipment included: modular covers, coupling fitting, gaskets for interlocked socket-outlets.
Features: smooth upper and side walls with references for drilling.
Padlockable lid.

Technical accessories:


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Mounting plates in steel
with easy clipping
for composition of socket boards

Dimensions (mm)	No. of installable devices		Palazzoli code	Pack Qty
	Mod. 125	Mod. 250		
125x500	1	-	**415901**	1
250x500	2	1	**415902**	1
375x500	3	1	**415903**	1
500x500	4	2	**415904**	1

Equipment included: small plates for side coupling of plates.



Mounting plates in thermosetting GRP
for composition of socket boards

Dimensions (mm)	No. of installable devices		Palazzoli code	Pack Qty
	Mod. 125	Mod. 250		
125x540	1	-	**415801**	1
250x540	2	1	**415802**	1

Equipment included: built-in threaded metal dowels, supplied with screws and stainless steel washers for fastening devices.

Technical accessories:


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ULYSSE

Pre-wired quick-mounting interlocked socket-outlets in thermosetting GRP



Kit for coupling boxes IP66/IP67

Fitting diameter	Max. mounting hole (mm)	Palazzoli code	Pack Qty
Pg21/29	29	**415000**	100

Uses: when preparing distribution boards, it allows side coupling of boxes.



Auxiliary contacts for switch status signalling

Rated current (A)	Switch type	Contact type	Palazzoli code	Pack Qty
10	16A-125A	1 NC (Late break)	**270326**	1
		1 NO postponed	**270327**	1
		1 NC	**270330**	1
		1 NO	**270331**	1
		1 NO + 1 NC	**270332**	1

Features: code 270332 consisting of 2 contacts.



Cable glands in insulating material with metric pitch, long threading IP68

Threading	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	15	**581112**	100
M16x1.5	16.5	3.5-10	15	**581116**	50
M20x1.5	20.5	7-14	15	**581120**	50
M25x1.5	25.5	9-18	15	**581125**	25
M32x1,5	32.5	14-25	15	**581132**	20
M40x1.5	40.5	18-32	16	**581140**	10
M50x1.5	50.5	24-38.5	16	**581150**	5
M63x1.5	63.5	35-48	16	**581163**	5



Safety lock with keys

Shackle diameter (mm)	Material	Palazzoli code	Pack Qty
2.75	steel - brass	**419000**	1

Uses: the padlock prevents the handle from being rotated.



Metric pitch locknuts in insulating material

Threading	Palazzoli code	Pack Qty
M12x1,5	**581212**	50
M16x1.5	**581216**	50
M20x1.5	**581220**	50
M25x1.5	**581225**	50
M32x1,5	**581232**	50
M40x1.5	**581240**	20
M50x1.5	**581250**	10
M63x1.5	**581263**	5

Uses: for fixing cable glands with metric thread on walls with through-holes.



Cup shaped milling cutters in steel for quick drill connection with tungsten carbide gear teeth specific for thermosetting GRP

Hole type	Diameter (mm)	Palazzoli code	Pack Qty
Pg13.5	20	**538400**	1
Pg16	22		
Pg21	29		
Pg29	38		
Pg36	46		
M20	20.5	**538410**	1
M25	25.5		
M32	32.5		
M40	40.5		

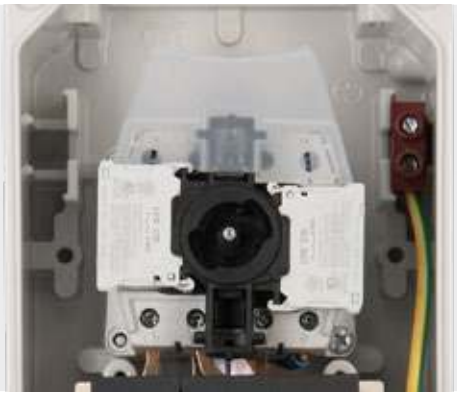
ALUPRES



ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

ADVANTAGES

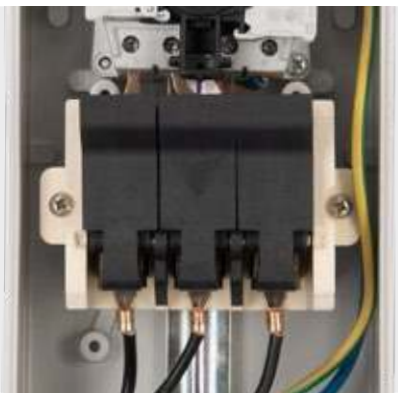


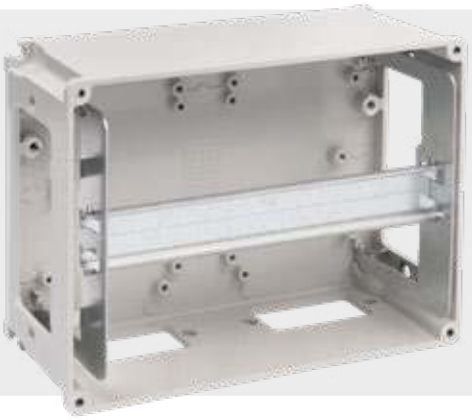
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The “heart” of ALUPRES is an isolator switch with the AC3-AC23A category at rated current that allows a safe operation even with highly inductive loads: cutters, drills, pressure washers etc.

The ceramic fuse holder base resists high temperatures, up to 1,400 °C, generated in the case of circuit failures. Cylindrical fuses with lever extraction allow quick and safe replacement.

2





3

Large side openings and the high position of the DIN rail make wiring quick and convenient.

Maintenance can be carried out in complete safety thanks to the triple padlockability.

4



ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium



Body material	**Marine aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic, hot-polymerised polyester paint**
Colour	**RAL 5012 Light blue (cover) RAL 7035 Light grey (base)**
Protection rating	**IP66/IP67**
Additional IP rating	**IP69**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C3-H / C4-H**
Glow Wire Test	**960°C (insert)**
Flammability class	**V-2 (insert)**
Insulation class	**I**
Ambient operating temperature	**-50°C - +50°C -50°C - +70°C (direct)**
Ambient storage temperature	**-50°C - +70°C**
Rated current	**16A - 32A - 63A - 125A - 250A**
Operating voltage	**24V - 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

Rated operating current:			**16A**	**32A**	**63A**	**125A**	**250A**
Thermal current Ith		**A**	**16**	**32**	**63**	**125**	**250**
AC-21A	110 V - 690 V	A	16	32	63	125	250
AC-22A	110 V - 690 V	A	16	32	63	125	250
AC-23A	110V	A	16	32	63	100	200
	230V						
	400V						
	500V						
	690V					-	-
AC-23A	110V	kW	2.4	4.9	9.6	15,2	30,5
	230V		5.1	10.2	20.1	31,8	63,7
	400V		8.9	17.7	34.9	55,4	110,9
	500V		11.1	22.2	43.6	69,2	138,6
	690V		15.3	30.6	60.2	-	-
AC-3	110V	kW	2.4	4.9	7.6	12,2	15,2
	230V		5.1	10.2	15.9	25,5	31,9
	400V		8.9	17.7	27.7	44,3	55,4
	500V		11.1	22.2	34.6	55,4	51,9
	690V		15.3	30.6	47.8	-	-

Wiring data:		**16A**	**32A**	**63A**	**125A**	**250A**
Entry cable cross-section	mm^2	1 - 10		6 - 35	16 - 70	35-185
Tightening torque	Nm	2		3	10	

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

ASSEMBLY INSTRUCTIONS



For quick and easy installation, scan the **QR code**.

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULARITY

Module 125 - 185



Fuses
from 16A to 125A
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Direct
from 16A to 125A
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MCB
from 16A to 125A
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DIN rail
from 16A to 125A
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Transformer
16A
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Module 250



Transformer
32A
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Electrical interlock
63A-125A
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MCBs
from 125A to 630A
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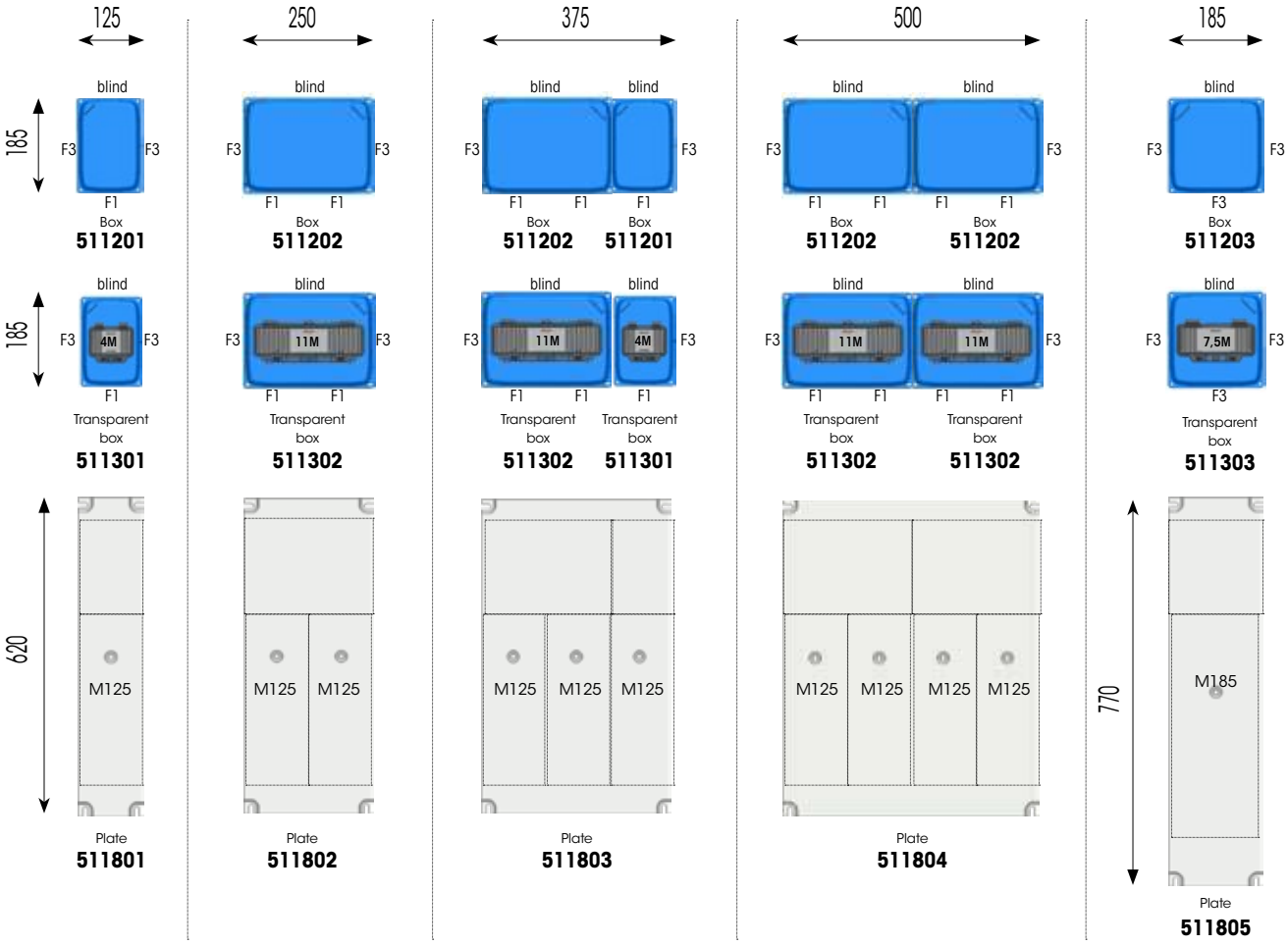
GUIDE TO THE PREPARATION OF DISTRIBUTION BOARDS from 16A to 125A

Cylindrical fuses	
Current	**Fuse type**
16A	10x38
32A	14x51
63A	22x58
125A	NH00

Flat closing flange	
For windows	**Code**
F3	**540033**

				WALL-MOUNTED INTERLOCKED SOCKET-OUTLETS IP66/IP67/IP69				
				M125 entry F1	M185 entry F3	M125 entry F1	M185 entry F3	M125 entry F1
								
				Direct supply	Direct supply	Fuses	Fuses	Transformer 250VA
I	**V**		**No. of poles**					
16A	230		2P+⏚	**466126**		**475126**		
	400		3P+⏚	**466136**		**475136**		
	400		3P+N+⏚	**466146**		**475146**		
32A	230		2P+⏚	**460226**		**472336**		
	400		3P+⏚	**460236**		**472446**		
	400		3P+N+⏚	**460246**		**472456**		
63A	400		3P+⏚	**460336**		**472447**		
	400		3P+N+⏚	**460346**		**472457**		
125A	400		3P+⏚		**460436**		**472418**	
	400		3P+N+⏚		**460446**		**472428**	
16A	24		2P 150 VA					**471812**

Examples of combinations



ALUPRES allows to create series up to 630A. The wealth of accessories (back plates, din rails, ceramic terminal blocks, flanges, etc.) offers great versatility in the solutions that can be realised.

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULE 125





Wall-mounted
interlocked socket-outlets
with fuse holder base
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry F1 10x38 fuses	50/60Hz	110	yellow	2P+⏚	4	**475124**	1
	50/60Hz	110	yellow	3P+⏚	4	**475134**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**475144**	1
	50/60Hz	230	blue	2P+⏚	6	**475126**	1
	50/60Hz	230	blue	3P+⏚	9	**475139**	1
	50/60Hz	230	blue	3P+N+⏚	9	**475149**	1
	50/60Hz	400	red	2P+⏚	9	**475129**	1
	50/60Hz	400	red	3P+⏚	6	**475136**	1
	50/60Hz	400	red	3P+N+⏚	6	**475146**	1
	50/60Hz	500	black	3P+⏚	7	**475137**	1
	50/60Hz	500	black	3P+N+⏚	7	**475147**	1
	60Hz	440-460	red	3P+⏚	11	**475131**	1
	60Hz	440-460	red	3P+N+⏚	11	**475141**	1
	DC	>50-250	grey	2P+⏚	3	**475123**	1
32 entry F1 fuses 14x51	50/60Hz	110	yellow	2P+⏚	4	**472236**	1
	50/60Hz	110	yellow	3P+⏚	4	**472246**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**472256**	1
	50/60Hz	230	blue	2P+⏚	6	**472336**	1
	50/60Hz	230	blue	3P+⏚	9	**472346**	1
	50/60Hz	230	blue	3P+N+⏚	9	**472356**	1
	50/60Hz	400	red	2P+⏚	9	**472436**	1
	50/60Hz	400	red	3P+⏚	6	**472446**	1
	50/60Hz	400	red	3P+N+⏚	6	**472456**	1
	50/60Hz	500	black	3P+⏚	7	**472546**	1
	50/60Hz	500	black	3P+N+⏚	7	**472556**	1
	60Hz	440-460	red	3P+⏚	11	**472466**	1
	60Hz	440-460	red	3P+N+⏚	11	**472536**	1
	50/60Hz	380/440	red	3P+⏚	3	**472486**	1
63 entry F1 fuses 22x58	50/60Hz	110	yellow	2P+⏚	4	**472237**	1
	50/60Hz	110	yellow	3P+⏚	4	**472247**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**472257**	1
	50/60Hz	230	blue	2P+⏚	6	**472337**	1
	50/60Hz	230	blue	3P+⏚	9	**472347**	1
	50/60Hz	230	blue	3P+N+⏚	9	**472357**	1
	50/60Hz	400	red	2P+⏚	9	**472437**	1
	50/60Hz	400	red	3P+⏚	6	**472447**	1
	50/60Hz	400	red	3P+N+⏚	6	**472457**	1
	50/60Hz	500	black	3P+⏚	7	**472547**	1
	50/60Hz	500	black	3P+N+⏚	7	**472557**	1
	60Hz	440-460	red	3P+⏚	11	**472387**	1
	60Hz	440-460	red	3P+N+⏚	11	**472397**	1
	DC	>50-250	grey	2P+⏚	3	**472377**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Fuses not included. Internal and external earth connection.

Technical accessories:


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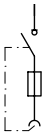

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MODULE 185





Wall-mounted
interlocked socket-outlets
with fuse holder base
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
125 entry F3 fuses NH00	50/60Hz	110	yellow	3P+⏚	4	**472248**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**472258**	1
	50/60Hz	230	blue	3P+⏚	9	**472348**	1
	50/60Hz	230	blue	3P+N+⏚	9	**472358**	1
	50/60Hz	400	red	3P+⏚	6	**472418**	1
	50/60Hz	400	red	3P+N+⏚	6	**472428**	1
	50/60Hz	500	black	3P+⏚	7	**472518**	1
	50/60Hz	500	black	3P+N+⏚	7	**472528**	1
	60Hz	440-460	red	3P+⏚	11	**472388**	1
	60Hz	440-460	red	3P+N+⏚	11	**472398**	1

Features: handle padlockable with 2 padlocks up to 6 mm.
Fuses not included. Internal and external earth connection.

Technical accessories:


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ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULE 125



Wall-mounted
interlocked socket-outlets
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry F1	50/60Hz	110	yellow	2P+⏚	4	**466124**	1
	50/60Hz	110	yellow	3P+⏚	4	**466134**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**466144**	1
	50/60Hz	230	blue	2P+⏚	6	**466126**	1
	50/60Hz	230	blue	3P+⏚	9	**466139**	1
	50/60Hz	230	blue	3P+N+⏚	9	**466149**	1
	50/60Hz	400	red	2P+⏚	9	**466129**	1
	50/60Hz	400	red	3P+⏚	6	**466136**	1
	50/60Hz	400	red	3P+N+⏚	6	**466146**	1
	50/60Hz	500	black	3P+⏚	7	**466137**	1
	50/60Hz	500	black	3P+N+⏚	7	**466147**	1
	60Hz	440-460	red	3P+⏚	11	**466131**	1
	60Hz	440-460	red	3P+N+⏚	11	**466141**	1
	DC	>50-250	grey	2P+⏚	3	**466123**	1
32 entry F1	50/60Hz	110	yellow	2P+⏚	4	**460224**	1
	50/60Hz	110	yellow	3P+⏚	4	**460234**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**460244**	1
	50/60Hz	230	blue	2P+⏚	6	**460226**	1
	50/60Hz	230	blue	3P+⏚	9	**460239**	1
	50/60Hz	230	blue	3P+N+⏚	9	**460249**	1
	50/60Hz	400	red	2P+⏚	9	**460229**	1
	50/60Hz	400	red	3P+⏚	6	**460236**	1
	50/60Hz	400	red	3P+N+⏚	6	**460246**	1
	50/60Hz	500	black	3P+⏚	7	**460237**	1
	50/60Hz	500	black	3P+N+⏚	7	**460247**	1
	60Hz	440-460	red	3P+⏚	11	**460231**	1
	60Hz	440-460	red	3P+N+⏚	11	**460241**	1
	50/60Hz	380/440	red	3P+⏚	3	**460233**	1
63 entry F1	50/60Hz	110	yellow	2P+⏚	4	**460324**	1
	50/60Hz	110	yellow	3P+⏚	4	**460334**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**460344**	1
	50/60Hz	230	blue	2P+⏚	6	**460326**	1
	50/60Hz	230	blue	3P+⏚	9	**460339**	1
	50/60Hz	230	blue	3P+N+⏚	9	**460349**	1
	50/60Hz	400	red	2P+⏚	9	**460329**	1
	50/60Hz	400	red	3P+⏚	6	**460336**	1
	50/60Hz	400	red	3P+N+⏚	6	**460346**	1
	50/60Hz	500	black	3P+⏚	7	**460337**	1
	50/60Hz	500	black	3P+N+⏚	7	**460347**	1
	60Hz	440-460	red	3P+⏚	11	**460331**	1
	60Hz	440-460	red	3P+N+⏚	11	**460341**	1
	DC	>50-250	grey	2P+⏚	3	**460333**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Internal and external earth connection.

Technical accessories:


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MODULE 185



Wall-mounted
interlocked socket-outlets
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
125 entry F3	50/60Hz	110	yellow	3P+⏚	4	**460434**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**460444**	1
	50/60Hz	230	blue	3P+⏚	9	**460439**	1
	50/60Hz	230	blue	3P+N+⏚	9	**460449**	1
	50/60Hz	400	red	3P+⏚	6	**460436**	1
	50/60Hz	400	red	3P+N+⏚	6	**460446**	1
	50/60Hz	500	black	3P+⏚	7	**460437**	1
	50/60Hz	500	black	3P+N+⏚	7	**460447**	1
	60Hz	440-460	red	3P+⏚	11	**460431**	1
	60Hz	440-460	red	3P+N+⏚	11	**460441**	1

Features: handle padlockable with 2 padlocks up to 6 mm.
Internal and external earth connection.

Technical accessories:


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ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULE 125





Wall-mounted
interlocked socket-outlets
with MCB protection
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry F1 switch 4.5kA curve C	50/60Hz	110	yellow	2P+⏚	4	**474633**	1
	50/60Hz	110	yellow	3P+⏚	4	**474643**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**474653**	1
	50/60Hz	230	blue	2P+⏚	6	**474733**	1
	50/60Hz	230	blue	3P+⏚	9	**474743**	1
	50/60Hz	230	blue	3P+N+⏚	9	**474753**	1
	50/60Hz	400	red	2P+⏚	9	**474833**	1
	50/60Hz	400	red	3P+⏚	6	**474843**	1
	50/60Hz	400	red	3P+N+⏚	6	**474853**	1
	60Hz	440-460	red	3P+⏚	11	**474863**	1
	60Hz	440-460	red	3P+N+⏚	11	**474133**	1
32 entry F1 switch 6kA curve C	50/60Hz	110	yellow	2P+⏚	4	**474236**	1
	50/60Hz	110	yellow	3P+⏚	4	**474246**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**474256**	1
	50/60Hz	230	blue	2P+⏚	6	**474336**	1
	50/60Hz	230	blue	3P+⏚	9	**474346**	1
	50/60Hz	230	blue	3P+N+⏚	9	**474356**	1
	50/60Hz	400	red	2P+⏚	9	**474436**	1
	50/60Hz	400	red	3P+⏚	6	**474446**	1
	50/60Hz	400	red	3P+N+⏚	6	**474456**	1
	60Hz	440-460	red	3P+⏚	11	**474466**	1
	60Hz	440-460	red	3P+N+⏚	11	**474536**	1
	50/60Hz	380/440	red	3P+⏚	3	**474486**	1
	50/60Hz	380-440	red	3P+N+⏚	3	**474586**	1
63 entry F1 switch 10kA curve C	50/60Hz	110	yellow	2P+⏚	4	**474237**	1
	50/60Hz	110	yellow	3P+⏚	4	**474247**	1
	50/60Hz	110	yellow	3P+N+⏚	4	**474257**	1
	50/60Hz	230	blue	2P+⏚	6	**474337**	1
	50/60Hz	230	blue	3P+⏚	9	**474347**	1
	50/60Hz	230	blue	3P+N+⏚	9	**474357**	1
	50/60Hz	400	red	2P+⏚	9	**474437**	1
	50/60Hz	400	red	3P+⏚	6	**474447**	1
	50/60Hz	400	red	3P+N+⏚	6	**474457**	1
	60Hz	440-460	red	3P+⏚	11	**474387**	1
	60Hz	440-460	red	3P+N+⏚	11	**474397**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Voltage presence indicator. Internal and external earth connection.

Technical accessories:

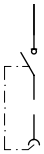

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MODULE 125 -185 (125A)





Wall-mounted
interlocked socket-outlets
with DIN rail
IP66/IP67/IP69

Rated current (A)	Frequency	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry F1 4 modules	50/60Hz	230	blue	2P+⏚	6	**472623**	1
	50/60Hz	400	red	3P+⏚	6	**472733**	1
	50/60Hz	400	red	3P+N+⏚	6	**472843**	1
32 entry F1 4 modules	50/60Hz	230	blue	2P+⏚	6	**472624**	1
	50/60Hz	400	red	3P+⏚	6	**472734**	1
	50/60Hz	400	red	3P+N+⏚	6	**472844**	1
	50/60Hz	380/440	red	3P+⏚	3	**472735**	1
63 entry F1 4 modules	50/60Hz	230	blue	2P+⏚	6	**472027**	1
	50/60Hz	400	red	3P+⏚	6	**472137**	1
	50/60Hz	400	red	3P+N+⏚	6	**472647**	1
125 entry F3 6.5 modules	50/60Hz	400	red	3P+⏚	6	**472648**	1
	50/60Hz	400	red	3P+N+⏚	6	**472649**	1

Equipment included: all sockets are pre-wired up to the DIN rail.
Features: handle padlockable with 3 padlocks up to 8 mm. 125A padlockable with 2 padlocks up to 6 mm. Padlockable lid with tamper-proof screw.
Internal and external earth connection.

Technical accessories:


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MODULE 125





Wall-mounted
socket-outlets with safety transformer
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
16 entry F1	230/24	2P	250	**471812**	1
	400/24	2P	250	**471832**	1

Features: continuous class II duty safety transformer enabled by the plug by means of microswitch. Internal and external earth connection.

Technical accessories:


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ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium



High-capacity watertight boxes
with blind cover
in marine aluminium
IP66/IP67/IP69

Outer dimensions (mm)	Window type	Max. number of installable socket-outlets Mod.125	Mod.185	Palazzoli code	Pack Qty
125x185		1	-	**511201**	1
185x185		-	1	**511203**	1
250x185		2	-	**511202**	1

Features: boxes prepared for the installation of saddle terminal blocks and DIN rails.



High-capacity watertight boxes
with transparent door
in marine aluminium
IP66/IP67/IP69

Outer dimensions (mm)	Window type	Max. number of installable socket-outlets Mod.125	Mod.185	No. of DIN modules	Palazzoli code	Pack Qty
125x185		1	-	4	**511301**	1
185x185		-	1	7.5	**511303**	1
250x185		2	-	11	**511302**	1

Features: padlockable lid and with tamper-proof screw.

Technical accessories:



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Branch terminal blocks
in ceramic with saddle terminals
500V

Dimensions (mm)	No. of poles per section	Palazzoli code	Pack Qty
70x101	4x16 mm²	**159040**	10
78x101	3x25 mm²	**159032**	1
92x128	4x25 mm²	**159042**	5
86x128	3x35 mm²	**159033**	5
102x150	4x35 mm²	**159043**	1
100x150	3x70 mm²	**159034**	1



DIN rails
for high-capacity boxes

For box dimensions	Guide useful length (mm)	Fixing at the bottom of the box	Palazzoli code	Pack Qty
125x185	60	illuminance	**521009**	1
185x185	125	horizontal / diagonal	**521012**	1
250x185	170	illuminance	**521014**	1

Equipment included: screws for fixing to the box seats.
Notes: code 521012 can be fixed diagonally in all boxes.



Steel back plates
for high-capacity boxes

For box dimensions	Plate dimensions (mm)	Palazzoli code	Pack Qty
125x185	83x145	**532700**	1
185x185	160x140	**532701**	1
250x185	208x145	**532702**	1

Uses: for fastening terminal blocks or non-modular devices.



Painted steel mounting plates
for high-capacity
distribution boards

Dimensions (mm)	No. of installable devices	Installable device module	Palazzoli code	Pack Qty
125x620	1	125	**511801**	1
250x620	2		**511802**	1
376x620	3		**511803**	1
500x620	4		**511804**	1
185x770	1	185	**511805**	1

Equipment included: designed with threaded holes and including stainless steel screws for fixing the devices.



Pair of plates complete with screws
for the coupling of plates

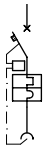
For mounting plate code	Palazzoli code	Pack Qty
511801, 511802, 511803, 511804, 511805, 532826	**532895**	1

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULE 250





Wall-mounted socket-outlets
with electrical interlock
and MCB protection
50/60Hz IP65

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 entry F5	400	red	3P+⏚	6	**475336**	1
	400	red	3P+N+⏚	6	**475346**	1
	500	black	3P+⏚	7	**475337**	1
	500	black	3P+N+⏚	7	**475347**	1
125 entry F5	400	red	3P+⏚	6	**475436**	1
	400	red	3P+N+⏚	6	**475446**	1
	500	black	3P+⏚	7	**475437**	1
	500	black	3P+N+⏚	7	**475447**	1

Features: complete with pilot contact used for the electrical interlock.
Handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.

MODULE 250





Wall-mounted socket-outlets
with electrical interlock
and MCB/RCD protection
50/60Hz IP65

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63 entry F5	400	red	3P+⏚	6	**473336**	1
	400	red	3P+N+⏚	6	**473346**	1
	500	black	3P+⏚	7	**473337**	1
	500	black	3P+N+⏚	7	**473347**	1
125 entry F5	400	red	3P+⏚	6	**473436**	1
	400	red	3P+N+⏚	6	**473446**	1
	500	black	3P+⏚	7	**473437**	1
	500	black	3P+N+⏚	7	**473447**	1

Features: complete with pilot contact used for the electrical interlock.
Handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.

Technical accessories:


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FEATURES OF THE ELECTRICALLY INTERLOCKED SOCKET PROTECTION

MCB	
Rated impulse seal voltage Ui	800V Rated impulse-withstand
voltage Uimp	8kV Breaking capacity Icu (400V)
18kA Breaking capacity Icu (500V)	8kA
Mechanical duration	25000 operations
Electrical duration	8000 operations
Overload protection regulation	0.7-1 x In
Short-circuit protection	10 x Neutral protection
50%	
RCD	
Protection type	A - AC
Operating voltage	85-690V
Operating frequency	45-66Hz
Failure frequency	50-60Hz
Trip threshold setting	0.03A - 0.1A - 0.3A - 0.5A - 1A - 3A
Intervention time	instantaneous
Absorbed power	<5W 690Vac

MODULE 250





Wall-mounted socket-outlets
with safety transformer
50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Poles	Power (VA)	Palazzoli code	Pack Qty
32 entry M25	230/48	2P	720	**471818**	1
	400/48	2P	720	**471838**	1

Equipment included: cable gland and screwcaps M25.
Features: class II continuous duty safety transformer activated by a plug microswitch.
Socket-outlet prepared for coupling with F4 window.

Technical accessories:


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page 135

MODULE 250



Marine aluminium windowed boxes
for 1 main switch
IP65

Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
252x315x261	F4 / F5	**274401**	1

Equipment included: 210x235 mm back plate.

Technical accessories:


page 135



Steel windowed boxes
for 1 main switch
IP65

Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
400x600x318	F3 ↔ F3	**274402**	1

Equipment included: 540x340 mm back plate.
Notes: painted galvanised steel boxes with F3 side entries and blind top wall.

Technical accessories:


page 133-135

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULE 250





MCBs in marine aluminium box
with windowed entries
IP65

F5 exit

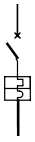
Rated current (A)	Poles	Icu (kA)	Palazzoli code	Pack Qty
125 entry F4	4P	18	**274412**	1
160 entry F4	4P	18	**274416**	1
250 entry F4	4P	36	**274425**	1

Features: handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.

Technical accessories:







MCBs in steel box
with windowed entries
IP65

Rated current (A)	Poles	Icu (kA)	Window type	Palazzoli code	Pack Qty
400 entry 2xF3	4P	36		**274440**	1
630 entry 2xF3	4P	36		**274463**	1

Features: handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.
Notes: painted galvanised steel boxes with F3 side entries and blind top wall.

Technical accessories:



FEATURES OF THE MCB PROTECTION OF WALL-MOUNTED SWITCHES

Feature	125-160A	250A	400A	630A
Rated insulation voltage Ui	800V	800V	1,000V	1,000V
Rated impulse-withstand voltage Uimp	8kV	8kV	8kV	8kV
Breaking capacity Icu (415 V)	18kA	36kA	36kA	36kA
Breaking capacity Icu (500 V)	8kA	20kA	25kA	25kA
Mechanical life in cycles	25,000	25,000	2.0000	20,000
Electrical life at 415 V in cycles	8,000	8,000	7,000	5,000
Overload protection regulation x In	0.7-1	0.7-1	0,4-1	0,4-1
Short-circuit protection	10 x In	10 x In	10 x In	10 x In
Neutral protection	50%	50%	50-100%	50-100%

MODULE 250



High-capacity boxes
with blind cover
in marine aluminium
IP66/IP67/IP69

Outer dimensions (mm)	Window type	Max. number of installable socket-outlets Mod. 250	Palazzoli code	Pack Qty
250x185		1	**511204**	1

Features: boxes prepared for the installation of saddle terminal blocks and DIN rails.

Technical accessories:







MODULE 250



High-capacity boxes
with transparent door
in marine aluminium
IP66/IP67/IP69

Outer dimensions (mm)	Window type	Max. number of installable socket-outlets Mod. 250	No. of DIN modules	Palazzoli code	Pack Qty
250x185		1	11	**511304**	1

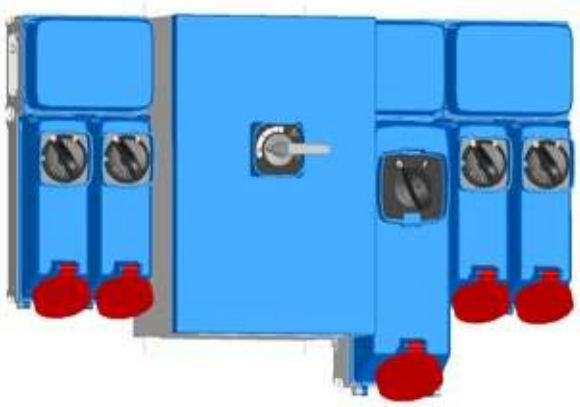
Features: padlockable lid with tamper-proof screw.

Technical accessories:





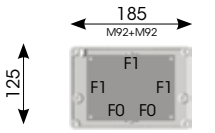
Examples of combinations



Distribution board consisting of a MCB and interlocked socket-outlets

Guide to the preparation of compact 16A distribution boards

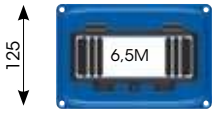
Compositions



Box
511227



Blind cover
515224



Transparent door
518206

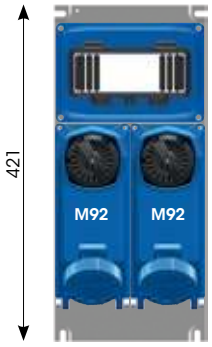


Plate
532826

The socket-outlets with 16A fuses of the compact system are only 9 cm wide.

It is therefore possible to install boards with 2 socket-outlets on 20 cm columns.

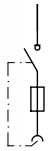


ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

MODULE 92





Wall-mounted compact interlocked socket-outlets with fuse holder base 50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry F0 fuses E16 NDZ	110	yellow	2P+⏚	4	**472233**	1
	110	yellow	3P+⏚	4	**472243**	1
	110	yellow	3P+N+⏚	4	**472253**	1
	230	blue	2P+⏚	6	**472333**	1
	230	blue	3P+⏚	9	**472343**	1
	230	blue	3P+N+⏚	9	**472353**	1
	400	red	2P+⏚	9	**472433**	1
	400	red	3P+⏚	6	**472443**	1
	400	red	3P+N+⏚	6	**472453**	1

Features: handle padlockable with 3 padlocks up to 8 mm.
Fuses not included.

MODULE 92





Wall-mounted compact interlocked socket-outlets 50/60Hz IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 entry F0	230	blue	2P+⏚	6	**460126**	1
	400	red	3P+⏚	6	**460136**	1
	400	red	3P+N+⏚	6	**460146**	1

Features: handle padlockable with 3 padlocks up to 8 mm.

Technical accessories:


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Painted steel mounting plate for compact distribution boards

Dimensions (mm)	No. of installable devices	Installable device module	Palazzoli code	Pack Qty
185x421	2	2x92	**532826**	1

Equipment included: designed with threaded holes and includes stainless steel screws for fastening devices.



Compact box in aluminium alloy with windowed walls IP67

Outer dimensions (mm)	Window type	Installable sockets	Palazzoli code	Pack Qty
185x125x63		92 + 92	**511227**	1

Equipment included: free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes.
Internal and external earth screws. Box without back plate.
Notes: the box shown in the table refers to the one used in compositions of compact socket boards.

Technical accessories:


page 138



High blind cover for compact box IP67

For box with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
185x125	50	**515224**	1

Equipment included: complete with non-ageing gasket and captive stainless steel fixing screws.



Cover with transparent window and DIN rail for compact box IP67

For box with dimensions (mm)	No. of DIN modules	Cover height (mm)	Lid height (mm)	Palazzoli code	Pack Qty
185x125	6.5	50	30	**518206**	1

Equipment included: complete with non-ageing gasket and captive stainless steel fixing screws.
Features: when fitted in the box they allow the installation of modular devices. Padlockable lid and with tamper-proof screw.

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium



Flat blind flanges in steel for windowed walls IP66/IP67/IP69

For windows	Projection (mm)	Palazzoli code	Pack Qty
F0	2.5	**540090**	5
F1	5.5	**540091**	5
F3	6	**540033**	2
F4	6	**540034**	2
F5	7	**540035**	2

Uses: they close unused windows. They can be drilled for cable gland installation.



Raised closing flanges in aluminium alloy for windowed walls IP66/IP67/IP69

For windows	Projection (mm)	Palazzoli code	Pack Qty
F1	32	**540061**	1
F3	50	**540063**	1
F4	50	**540064**	1
F5	80	**540065**	1

Uses: they close unused windows. They facilitate the wiring as they increase the internal volume of the enclosure.



Flanges in aluminium alloy with metric threading and cable gland for windowed walls IP66/IP67/IP69

For windows	Threading type	Tightening diameter (mm)	Palazzoli code	Pack Qty
F0	M25	9-18	**541050**	1
F1	M25	9-18	**541055**	1
F1	M32	14-25	**540180**	1
F3	M40	18-32	**540190**	1
F3	M50	24-39	**540191**	1
F4	M40	18-32	**540193**	1
F5	M50	24-39	**540195**	1



90°angled one way junctions in aluminium alloy for windowed walls IP30

For windows	Projection (mm)	Internal hole ø (mm)	Palazzoli code	Pack Qty
F1	53	32	**545081**	1
F3	83	54	**545083**	1

Uses: suitable for entry with unthreaded pipes or cables.
Notes: the IP rating depends on the positioning of the junction with respect to the water source and on the installation measures taken.



Reducers in steel for windows IP67

Shape	Reducer type for window	Reducer type for window	Thickness (mm)	Palazzoli code	Pack Qty
	F5	F4	5	**547054**	1

Uses: boxes and socket-outlets can be interfaced with different windows.



Cable glands in nickel-plated brass with metric threading IP68

Threading	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	6.5	**582012**	100
M16x1.5	16.5	4-9.5	7	**582016**	50
M20x1.5	20.5	7-13	8	**582020**	50
M25x1.5	25.5	8-16	8	**582025**	25
M32x1,5	32.5	11-21	9	**582032**	20
M40x1.5	40.5	15-27	9	**582041**	10
M50x1.5	50.5	22-35	10	**582050**	5

Dimensions on page 478 *Spare parts on page 431*

ALUPRES

Interlocked socket-outlets in high-resistance marine aluminium

Body material	**Marine aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic, hot-polymerised polyester paint**
Colour	**RAL 5015 Sky blue (cover)** **RAL 7035 Light grey (base)**
Protection rating	**IP55**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C3-H / C4-H**
Resistance to abnormal heat and fire	**960°C (insert)**
Insulation class	**I**
Ambient operating temperature	**-50°C - +50°C**
Ambient storage temperature	**-50°C - +70°C**
Rated current	**250A**
Operating voltage	**500V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

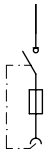
PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-4
IEC/EN 63000

Wiring data:		250A
Entry cable cross-section	mm²	35 - 185
Tightening torque	Nm	10

MODULE 315





Wall-mounted interlocked socket-outlet with aligned poles with fuse holder base 50/60Hz IP55

Rated current (A)	Rated voltage (V)	Poles	Palazzoli code	Pack Qty
250 entry F5 fuses ACR NH-1	500 max	3P+⏚	**422039**	1

Equipment included: gaskets and screws for fixing the accessories.
Earth screws inside and outside the box.
Features: padlockable handle. Fuses not included.

Technical accessories:


page 138


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page 430



Wall-mounted fixed socket-outlet with aligned poles 50/60Hz IP55

Rated current (A)	Rated voltage (V)	Poles	Window type	Palazzoli code	Pack Qty
250	500	3P+⏚	F5	**421029**	1

Technical accessories:


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Straight mobile plug with aligned poles 50/60Hz IP55

Rated current (A)	Rated voltage (V)	Poles	Palazzoli code	Pack Qty
250	500	3P+⏚	**427019**	1

ALUMAX

Socket-outlets with electrical interlock in steel for high amperages

Body material	**Aluminium alloy (plugs) Steel (socket-outlet)**
Surface treatment	**Galvanising**
Surface finish	**Hot-polymerised non-toxic polyester**
Colour	**RAL5015 Sky blue (front) RAL 7035 Light grey (box)**
Protection rating	**IP67 (plugs) IP65 (protected wall-mounted sockets)**
Impact resistance	**IK10**
Insulation class	**I**
Ambient operating temperature	**-30°C - +60°C**
Ambient storage temperature	**-50°C - +70°C**
Rated current	**250A - 320A - 400A**
Operating voltage	**Up to 500V**
Insulation voltage	**800V - 1000V**
Operating frequency	**50/60Hz**
Pilot contacts	**2**
Pilot contacts clamping section	**2.5 mm²**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

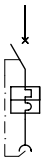
PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-2
IEC/EN 60947-2
IEC/EN 63000

Cable features:

Rated current (A)	Poles	Entry cable diameter (mm)	Entry cable cross-section (mm²)
250	3P+⏚	21 - 42	50 - 70
	3P+N+⏚		
320	3P+⏚	38 - 62	120
	3P+N+⏚		
400	3P+⏚		150
	3P+N+⏚		





Wall-mounted 250A socket-outlets
with electrical interlock
and MCB protection
50/60Hz IP65

Rated current (A)	Rated voltage (V)	Poles	No. of pilot contacts (mm²)	Palazzoli code	Pack Qty
250	400	3P+⏚	2x10	**480530**	1
		3P+N+⏚	2x6	**480550**	1
	500	3P+⏚	2x10	**480531**	1
		3P+N+⏚	2x6	**480551**	1

Features: handle padlockable on "0" with 2 padlocks up to 4.5 mm.





Wall-mounted 320A - 400A
socket-outlets with electrical interlock
and MCB protection
50/60Hz IP65

Rated current (A)	Rated voltage (V)	Poles	No. of pilot contacts (mm²)	Palazzoli code	Pack Qty
320	400	3P+N+⏚	2x6	**480650**	1
	500	3P+N+⏚	2x6	**480651**	1
400	400	3P+N+⏚	2x6	**480750**	1
	500	3P+N+⏚	2x6	**480751**	1

Features: handle padlockable on "0" with 2 padlocks up to 4.5 mm.



Straight mobile plugs
in aluminium alloy
50/60Hz IP67

Rated current (A)	Poles	No. of pilot contacts (mm²)	Palazzoli code	Pack Qty
250	3P+⏚	2x10	**750530**	1
	3P+N+⏚	2x6	**750550**	1
320	3P+N+⏚	2x6	**750650**	1
400	3P+N+⏚	2x6	**750750**	1

Dimensions on page 473

Boards and boxes

DISTRIBUTION AND AUTOMATION BOARDS



TAIS CUBE

Distribution and automation boards in thermosetting GRP
Page 148

STANDARD APPLICATIONS



TERBOX

Thermoplastic boxes
Page 151



UNIBOX

Universal boxes in aluminium
Page 155

HEAVY-DUTY APPLICATIONS



TAISBOX

Combinable modular boxes in thermosetting GRP
Page 158



ALUCASE

Combinable boxes in aluminium
Page 165



FIREBOX

Fire-resistant boxes E30 - E60 - E90
Page 169

TERMINAL BLOCKS



CONTACT

Terminal blocks
Page 174

CABLE GLANDS



UNI

Cable glands in technopolymer and nickel-plated brass
Page 170

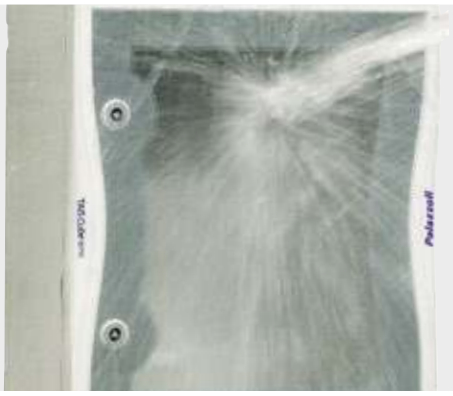
TAIS CUBE



TAIS CUBE

Distribution and automation boards in thermosetting GRP

ADVANTAGES

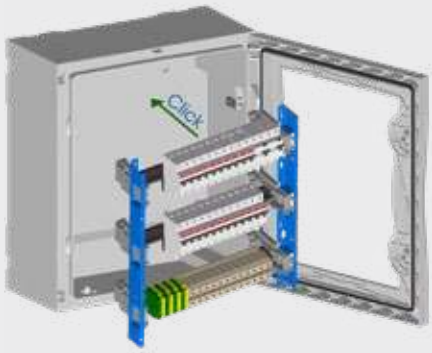


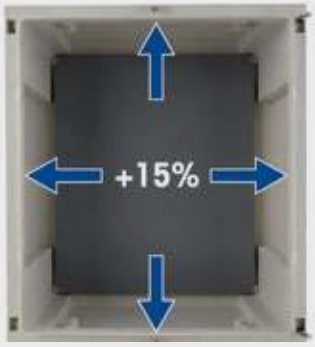
1

TAIS CUBE withstands strong water jets of 100 litres per minute, is fully protected against the ingress of dust and highly resistant.

The steel frame allows for convenient bench wiring. The wired frame snaps into the distribution board.

2





3

The geometry of the casing makes TAIS CUBE very capacious. The back plate of the blind or transparent distribution board offers 15% of extra space compared to units with the same size.

The door hinges, made of steel and nickel-plated brass, are located far from the edges to avoid breakage in the case of impact.

4



TAIS CUBE

Distribution and automation boards in thermosetting GRP



Body material	**Palazzoli Thermosetting GRP**
Colour	**RAL 7035 Light grey**
Protection rating	**IP66**
Impact resistance	**IK09**
Glow Wire Test	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-30 °C - +90 °C (blind door)** **-30 °C - +70 °C (transparent door)**
Ambient storage temperature	**-50 °C - +90 °C**
Rated voltage AC	**1000 Vac**
Rated voltage DC	**1500 Vcc**
Rated impulse-withstand voltage	**8KV**

CE

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 62208

Table of the max. power dissipation allowed for TAIS-CUBE distribution boxes

Distribution board with blind door	-30 °C - +75 °C (W)	+75 °C - +90 °C (W)
550001	40	25
550002	75	55
550003	110	70
550004	125	90
550005	140	100
550006	215	160
550007	360	270

Distribution board with transparent door	-30 °C - +55 °C (W)	+55 °C - +70 °C (W)
550031	40	25
550032	75	55
550033	110	70
550034	125	90
550035	140	100
550036	215	160
550037	360	270

TAIS CUBE

Distribution and automation boards in thermosetting GRP

ASSEMBLY INSTRUCTIONS



For quick and easy installation, scan the **QR code**.

TAIS CUBE

Distribution and automation boards in thermosetting GRP

						
Size	No. of vertical modules	No. of DIN modules	Outer dimensions	Internal usable dimensions	Distribution board with blind door	Distribution board with transparent door
1	-	-	260x305x160	200x250x100	550001	550031
2	3	36 (3X12)	340x430x180	280x375x120	550002	550032
3	3	54 (3X18)	450x505x220	390x450x160	550003	550033
4	4	72 (4X18)	450x655x220	390x600x160	550004	550034
5	4	96 (4X24)	560x655x260	500x600x200	550005	550035
6	5	140 (5X28)	630x810x300	570x750x235	550006	550036
7	5	200 (5X40)	850x1060x350	790x1000x290	550007	550037

COMMON ACCESSORIES

				
Set of 4 brackets		Security lock	Support for pole mounting	
Galvanised	Stainless steel		For sizes 1-2	For sizes 3-4-5
550640	550641	550680	550642	550643

TAIS CUBE

Distribution and automation boards in thermosetting GRP

AUTOMATION			DISTRIBUTION					
								
Back plate in steel	Pre-drilled back plate in steel	Back plate in thermosetting GRP	Inner door in thermosetting GRP	Functional frame	Windowed panel	Blind panel	DIN rail	Partial steel plate
550601	550611	550621	-	-	-	-	-	-
550602	550612	550622	550502	550562	550522	550542	550582	550632
550603	550613	550623	550503	550563	550523	550543	550583	550633
550604	550614	550624	550504	550564				
550605	550615	550625	550505		550525	550545	550585	550635
550606	550616	550626	550506	550566	550526	550546	550586	550636
550607	550617	-	550507	550567	550527	550547	550587	550637

COMMON ACCESSORIES	
	
Set of 50 clips for pre-drilled plates	Set of 8 brackets for fixing cable ducts
Size 1-7	Steel
550645	550648

TAIS CUBE

Distribution and automation boards in thermosetting GRP



Distribution boards in thermosetting GRP with blind door IP66

Size	Outer dimensions (mm)	Internal usable dimensions (mm)	No-load power dissipation (W)	Palazzoli code	Pack Qty
1	260x305x160	200x250x100	40	**550001**	1
2	340x430x180	280x375x120	75	**550002**	1
3	450x505x220	390x450x160	110	**550003**	1
4	450x655x220	390x600x160	125	**550004**	1
5	560x655x260	500x600x200	140	**550005**	1
6	630x810x300	570x750x235	215	**550006**	1
7	850x1060x350	790x1000x290	360	**550007**	1

Equipment included: key with triangular insert, screw cover caps for double insulation.



Distribution boards in thermosetting GRP with transparent door IP66

Size	Outer dimensions (mm)	No. of DIN modules	No-load power dissipation (W)	Palazzoli code	Pack Qty
1	260x305x160	-	40	**550031**	1
2	340x430x180	36 (3x12)	75	**550032**	1
3	450x505x220	54 (3x18)	110	**550033**	1
4	450x655x220	72 (4x18)	125	**550034**	1
5	560x655x260	96 (4x24)	140	**550035**	1
6	630x810x300	140 (5x28)	215	**550036**	1
7	850x1060x350	200 (5x40)	360	**550037**	1

Equipment included: key with triangular insert, screw cover caps for double insulation.

Technical accessories:



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Back plates in steel

Size	Dimensions (mm)	Palazzoli code	Pack Qty
1	180x240	**550601**	5
2	260x370	**550602**	5
3	370x445	**550603**	5
4	370x595	**550604**	1
5	475x595	**550605**	1
6	550x745	**550606**	1
7	765x995	**550607**	1

Equipment included: 4 fixing screws.



Pre-drilled back plates in steel

Size	Dimensions (mm)	Palazzoli code	Pack Qty
1	180x240	**550611**	5
2	260x370	**550612**	5
3	370x445	**550613**	5
4	370x595	**550614**	1
5	475x595	**550615**	1
6	550x745	**550616**	1
7	765x995	**550617**	1

Equipment included: 4 fixing screws.
Notes: use clip code 550645 to install the devices.



Back plates in thermosetting GRP

Size	Dimensions (mm)	Palazzoli code	Pack Qty
1	194x244	**550621**	5
2	276x370	**550622**	5
3	384x445	**550623**	5
4	384x595	**550624**	1
5	492x595	**550625**	1
6	564x745	**550626**	1

Equipment included: 4 fixing screws.



Reversible inner doors in thermosetting GRP

Size	Dimensions (mm)	Palazzoli code	Pack Qty
2	280x375	**550502**	4
3	388x450	**550503**	4
4	388x600	**550504**	4
5	496x600	**550505**	1
6	568x750	**550506**	1
7	784x1000	**550507**	1

Features: inner-door is reversible and can be easily opened using the appropriate handles. It can be installed at two different depths.

TAIS CUBE

Distribution and automation boards in thermosetting GRP



Quick-fit functional frames for the installation of front panels and DIN rails

Size	Installable panels	Palazzoli code	Pack Qty
2	3	**550562**	6
3	3	**550563**	6
4-5	4	**550564**	6
6	5	**550566**	1
7	5	**550567**	1

Equipment included: 4 springs for fixing.
Features: it allows the wiring of the modular panels outside of the board and the installation of DIN rails at different heights.



Double-height front blind panels

Size	Height (mm)	Palazzoli code	Pack Qty
2	250	**550552**	4
3-4	300	**550553**	4
5	300	**550555**	1
6	300	**550556**	1
7	400	**550557**	1

Features: quick fitting with 1/4 turn screws.



Front windowed panels with DIN rail for modular devices

Size	Height (mm)	No. of DIN modules	Palazzoli code	Pack Qty
2	125	12	**550522**	6
3-4	150	18	**550523**	6
5	150	24	**550525**	4
6	150	28	**550526**	4
7	200	40	**550527**	1

Equipment included: modular covers.
Features: quick fitting with 1/4 turn screws.



DIN rails reinforced for functional frames

Size	No. of DIN modules	Palazzoli code	Pack Qty
2	12	**550582**	6
3-4	18	**550583**	6
5	24	**550585**	1
6	28	**550586**	1
7	40	**550587**	1



Single-height front blind panels

Size	Height (mm)	Palazzoli code	Pack Qty
2	125	**550542**	6
3-4	150	**550543**	6
5	150	**550545**	4
6	150	**550546**	4
7	200	**550547**	1

Features: quick fitting with 1/4 turn screws.



Height-adjustable partial plates in steel

Size	Height (mm)	Palazzoli code	Pack Qty
2	125	**550632**	1
3-4	150	**550633**	1
5	150	**550635**	1
6	150	**550636**	1
7	200	**550637**	1

Dimensions on page 474 *Technical data on page 144*

TAIS CUBE

Distribution and automation boards in thermosetting GRP



Set of 4 multi-purpose brackets
for wall-mounting
of distribution boards

No. of brackets	Material	Palazzoli code	Pack Qty
4	Galvanised steel	**550640**	20
4	Stainless steel	**550641**	5

Features: they can be mounted horizontally, vertically or hidden, retaining the double insulation.



Pair of accessories
for pole mounting

Size	Material	Palazzoli code	Pack Qty
1-2	steel	**550642**	1
3-4-5	steel	**550643**	1

Features: prearrangement for metal clamp for fastening to poles with diameter >80mm.



Fixing clip with M5 thread
for pre-drilled plates

No. of clips	Size	Material	Palazzoli code	Pack Qty
50	1-7	steel	**550645**	1



Set of 8 brackets
for fixing the cable ducts

No. of brackets	Material	Palazzoli code	Pack Qty
8	steel	**550648**	1

Equipment included: complete with screws for fixing the cable ducts.
Notes: for all frame sizes. Suitable for cable ducts, max. height 40mm.



Adaptor kit

Size	Length (mm)	Palazzoli code	Pack Qty
2	70	**550662**	1
3-4	110	**550663**	1
5	150	**550665**	1
6	190	**550666**	1
7	240	**550667**	1

Notes: the kit is used to install the Click Cube frame in boxes that were not made to accommodate it (before 2015).
The adaptors can also be used as spacers for the back plates.



Security lock with handle

No. of keys	Material	Palazzoli code	Pack Qty
2	steel	**550680**	10

Features: closing with Yale code key. Identification code on the key.

Dimensions on page 474 *Technical data on page 144*

TERBOX

Thermoplastic boxes



Body material	**Thermoplastic**
Colour	**RAL 7035 Light grey**
Protection rating	**IP44 - IP56**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**650°C**
Flammability class	**HB**
Insulation class	**II**
Ambient operating temperature	**-25°C - +60°C**
Ambient storage temperature	**-30°C - +70°C**

CE

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 60670-1
IEC/EN 60670-22



Thermoplastic junction boxes
with rubber cable glands
and press-on cover
IP44

Outer dimensions (mm)	Inner dimensions (mm)	No. of holes	Palazzoli code	Pack Qty
ø 91x46 h	ø 80x40 h	4	**791002**	5

Features: quick-entry cable glands Ø 20 mm, suitable for cables with ø from 4 to 14 mm and tubes with ø from 16 to 20 mm. Press-on cover.
Equipment included: screw cover caps for double insulation and external fixing brackets.



Thermoplastic junction boxes
with smooth walls
and blind cover
IP56

Outer dimensions (mm)	Inner dimensions (mm)	Palazzoli code	Pack Qty
110x110x60	100x100x50	**791234**	5
160x120x80	150x110x70	**791236**	1
200x150x80	190x140x70	**791207**	1
250x200x100	240x190x90	**791208**	1
310x230x130	300x220x120	**791209**	1
390x310x130	380x300x120	**791210**	1

Features: sealable locking screws.
Equipment included: screw cover caps for double insulation and external fixing covers.

Technical accessories:



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Dimensions on page 475

UNIBOX



UNIBOX

Universal boxes in aluminium

ADVANTAGES

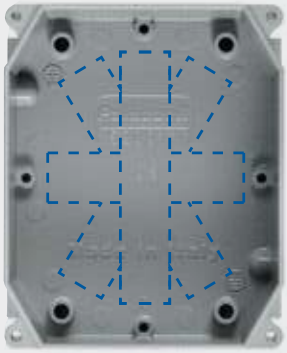


1

The box is screwed in by holding
the screwdriver perpendicular to the screw.

The DIN rail can be positioned as desired
without the use of accessories.

2





3

The earthing location is external.
There is no need to drill the box.

UNIBOX is compatible with any product
of this type on the market thanks to its fixing
centre distances in line with the requirements
of the technical specifications.

4



UNIBOX

Universal boxes in aluminium



Body material	**Aluminium alloy**
Colour	**RAL 7042 Traffic grey, textured**
Protection rating	**IP66/IP67**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C3-H / C4-H**
Insulation class	**I**
Ambient operating temperature	**-40°C - +70°C**
Ambient storage temperature	**-50°C - +90°C**

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 60670-1
IEC/EN 60670-22
IEC/EN 62208

UNIBOX

Universal boxes in aluminium



Junction boxes
in aluminium alloy
IP66/IP67

Box type	Dimensions (mm) external	Dimensions (mm) internal	Palazzoli code	Pack Qty
UNI B9	100x100x59	88x88x44	**520009**	30
UNI B11	115x140x61	103x128x46	**520011**	20
UNI B12	141x166x64	128x153x49	**520012**	20
UNI B14	168x192x80	152x176x65	**520014**	10
UNI B19	217x253x93	201x236x75	**520019**	1
UNI B20	264x314x122	243x295x104	**520020**	1
UNI B21	315x410x150	291x386x126	**520021**	1

Equipment included: 2 kits for earthing terminal connection
Features: boxes suited for DIN rail mounting horizontally or vertically using M4x6 self-tapping screws. DIN rail from Palazzoli is to be mounted diagonally.

Technical accessories:



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Non-painted junction boxes
in aluminium alloy
IP66/IP67

Box type	Dimensions (mm) external	Dimensions (mm) internal	Palazzoli code	Pack Qty
UNI B9	100x100x59	88x88x44	**520009NV**	30
UNI B11	115x140x61	103x128x46	**520011NV**	20
UNI B12	141x166x64	128x153x49	**520012NV**	20
UNI B14	168x192x80	152x176x65	**520014NV**	10
UNI B19	217x253x93	201x236x75	**520019NV**	1
UNI B20	264x314x122	243x295x104	**520020NV**	1
UNI B21	315x410x150	291x386x126	**520021NV**	1

Equipment included: 2 kits for earthing terminal connection
Features: boxes suited for DIN rail mounting horizontally or vertically using M4x6 self-tapping screws. DIN rail from Palazzoli is to be mounted diagonally.

Technical accessories:



page 172



Back plates
in galvanised steel
for UNIBOX boxes

For box type	Dimensions (mm)	Palazzoli code	Pack Qty
UNI B11	78x119	**522011**	1
UNI B12	108x132	**522012**	1
UNI B14	125x165	**522014**	1
UNI B19	165x200	**522019**	1
UNI B20	210x250	**522020**	1
UNI B21	257x345	**522021**	1

Equipment included: screws for mounting inside the box, 2 kits for earthing terminal connection.

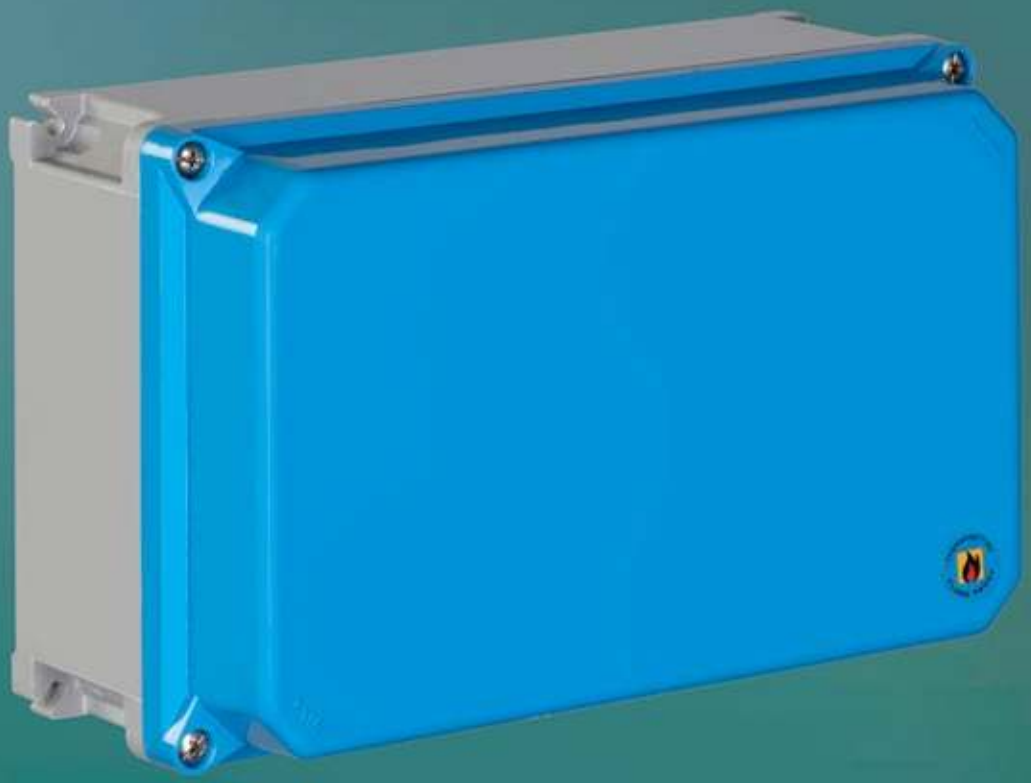


DIN rails for UNIBOX boxes

For box type	Working length (mm)	Palazzoli code	Pack Qty
UNI B9	60	**521009**	1
UNI B11	95	**521011**	1
UNI B12	125	**521012**	1
UNI B14	170	**521014**	1
UNI B19	230	**521019**	1
UNI B20	290	**521020**	1
UNI B21	380	**521021**	1

Equipment included: screws for mounting inside the box.

TAISBOX



TAISBOX

Combinable modular boxes in thermosetting GRP

ADVANTAGES



1

All products of the TAIS series are made in Palazzoli Thermosetting GRP, a fire retardant material that does not produce toxic gases and is resistant to chemicals over time.

The special gaskets in non-ageing elastomer guarantee a protection rating up to IP68, for installing in areas subject to possible flooding.



2



3

The back boxes are equipped with brass threaded inserts that ensure an easy opening and closing of the cover even after long time.

Practically immune to the major part of all the aggressive substances they are the best solution for industrial installations under 1.5 m height.



4

TAISBOX

Combinable modular boxes in thermosetting GRP



Body material	**Palazzoli Thermosetting GRP**
Colour	**RAL 5015 Sky blue (cover)** **RAL 7042 Traffic grey (base)**
Protection rating	**IP66/IP67 - IP67 - IP67/IP68**
Impact resistance	**IK10**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-40°C - +90°C**
Ambient storage temperature	**-50°C - +90°C**

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 62208
IEC/EN 60670-1
IEC/EN 60670-22

TAISBOX

Combinable modular boxes in thermosetting GRP



Quick-mounting watertight boxes with blind cover IP66/IP67

Dimensions (mm) external	Dimensions (mm) internal	Power dissipation (W)	Palazzoli code	Pack Qty
125x185x125	89x139x102	9	**532200**	1
190x185x125	148x145x102	9	**532201**	1
250x185x125	205x147x102	10	**532202**	1
290x185x125	249x144x102	11	**532203**	1
380x185x125	336x147x102	12	**532204**	1

Features: blind walls. Boxes with drilling templates.
Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.



Junction boxes with low cover IP67/IP68

Dimensions (mm) external	Dimensions (mm) internal	Power dissipation (W)	Palazzoli code	Pack Qty
92x92x68	55x57x47	4	**532035**	5
125x92x68	87x58x47	5	**532045**	1
185x92x68	150x55x47	6	**532055**	1
125x125x100	94x80x79	6	**532116**	1
185x125x100	142x92x79	7	**532117**	1
250x125x100	210x89x79	10	**532118**	1

Features: blind walls.
The IP68 rating test was performed at a depth of 2 m for 24 h.
Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.



Junction boxes with high cover IP67/IP68

Dimensions (mm) external	Dimensions (mm) internal	Power dissipation (W)	Palazzoli code	Pack Qty
92x92x100	55x52x79	4	**532005**	1
125x92x100	94x47x79	5	**532006**	1
185x92x100	151x50x79	6	**532015**	1
125x125x125	89x82x104	6	**532016**	1
185x125x125	144x86x104	7	**532017**	1
250x125x125	209x87x104	10	**532018**	1

Features: blind walls. Codes 532016, 532017, 532018 with drilling templates.
The IP68 rating test was performed at a depth of 2 m for 24 h.
Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.

Technical accessories:


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Quick-mounting watertight boxes with transparent door IP66/IP67

Outer dimensions (mm)	No. of DIN modules	Power dissipation (W)	Palazzoli code	Pack Qty
125x185x150	5	9	**532300**	1
190x185x150	8	10	**532301**	1
250x185x150	12	11	**532302**	1
290x185x150	14	12	**532303**	1
380x185x150	19	13	**532304**	1

Features: blind walls. Boxes with drilling templates.
Padlockable modular lid.
Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.



Boxes with transparent cover IP67

Outer dimensions (mm)	No. of DIN modules	Power dissipation (W)	Palazzoli code	Pack Qty
125x125x125	4	13	**532516**	1
185x125x125	6.5	15	**532557**	1
250x125x125	9	20	**532658**	1

Features: blind walls supplied with drilling template.
Padlockable lid and with tamper-proof screw.
Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.

Technical accessories:


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page 163



Back plates in galvanised steel for TAISBOX boxes

For enclosure code	Plate dimensions (mm)	Palazzoli code	Pack Qty
532200	83x145	**532700**	1
532201	160x140	**532701**	1
532202	208x145	**532702**	1
532203	260x145	**532703**	1
532204	333x145	**532704**	1
532005, 532035	59x59	**532705**	1
532006, 532045	92x58	**532714**	1
532015, 532055	142x62	**532715**	1
532016, 532116	86x86	**532716**	1
532017, 532117	100x86	**532717**	1
532018, 532118	175x86	**532718**	1

Uses: for fastening terminal blocks or non-modular devices.

TAISBOX

Combinable modular boxes in thermosetting GRP



Blind junction boxes
with back plate
IP67

Outer dimensions (mm)	Window type	Installable TAIS socket module	Palazzoli code	Pack Qty
185x185x115		2x95	**531011***	1
250X185X115	blind walls	2x95/2x125	**531021***	1
250x250x115		2x95/2x125	**531040***	1
370x250x115	Lightened / Lightened	-	**531042**	1
500x370x115		-	**531062**	1

Features: * supplied with drilling templates.
Blind and windowed junction boxes with dimensions 250x250 and larger are IP65.

Technical accessories:





Windowed junction boxes
with back plate
IP67

Outer dimensions (mm)	Window type	Installable TAIS socket module	Palazzoli code	Pack Qty
185x185x115	a a	2x95	**531200***	1
	a a	2x95	**531211***	1
	a a	2x95	**531311***	1
	a a a	-	**531411**	1
250X185X115	blind walls a a blind walls	2x95/2x125	**531220***	1
	b b	2x95	**531222***	1
	a b	2x95/2x125	**531221***	1
	Lightened a a Lightened	-	**531231**	1
	b a b	2x95	**531321***	1
	a a b	2x95/2x125	**531331***	1
	b a a b	-	**531431**	1
250x250x115	b b	2x95/2x125	**531241***	1
	Lightened b b Lightened	-	**531240**	1
	b b b	2x95/2x125	**531340***	1
	b b b b	-	**531440**	1
	Lightened b Lightened	2x95/2x125	**531540***	1
	Lightened b b	2x95/2x125	**531640***	1
370x250x115	Lightened b b Lightened	-	**531242**	1
	c b b a a	-	**531442**	1
500x370x115	Lightened c c Lightened	-	**531262**	1
	c b b b b c	-	**531662**	1

Dimensions on page 477 *Technical data on page 158*

TAISBOX

Combinable modular boxes in thermosetting GRP



Low blind covers
for TAISBOX
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
185x185	25	**535320**	1
250x185	25	**535321**	1
250x250	25	**535322**	1
370x250	25	**535323**	1
500x370	25	**535324**	1

Equipment included: 4 captive screws that can be sealed.
Features: covers with dimensions 250x250 and larger are IP65.



Low transparent covers
in polycarbonate
for TAISBOX
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
250x185	25	**535126**	1
250x250	25	**535135**	1
370x250	25	**535137**	1
500x370	25	**535157**	1

Equipment included: 4 captive screws that can be sealed.
Features: in UV stabilised polycarbonate.
Covers with dimensions 250x250 and larger are rated IP65.

NOTES



Fixing screws made of fibre-reinforced technopolymer for higher tightening force, with captive and anti-tampering systems.



High blind covers
for TAISBOX
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
250x185	75	**535325**	1
250x250	75	**535326**	1
370x250	75	**535327**	1
500x370	75	**535328**	1

Equipment included: 4 captive screws that can be sealed.
Features: the height of the cover allows to insert MCCB inside.
Covers with dimensions 250x250 and larger are rated IP65.



High transparent covers
in polycarbonate
for TAISBOX
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
250x185	75	**535131**	1
250x250	75	**535140**	1
370x250	75	**535142**	1
500x370	75	**535162**	1

Equipment included: 4 captive screws that can be sealed.
Features: in UV stabilised polycarbonate.
Covers with dimensions 250x250 and larger are rated IP65.



Windowed covers
in polycarbonate
for TAISBOX
IP67

For boxes with dimensions (mm)	Lid height (mm)	No. of DIN modules	Palazzoli code	Pack Qty
185x185	80	7.5	**535640**	1
250x185	80	11	**535643**	1

Equipment included: complete with captive screws that can be sealed, DIN rail and small parts for fastening on a plate.
Features: padlockable lid and with tamper-proof screw.

Technical accessories:



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TAISBOX

Combinable modular boxes in thermosetting GRP



Flat blind flanges for windowed walls IP67

Type	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Qty
a	110x60	15	**538110**	2
b	175x60	15	**538210**	2
c	295x60	15	**538310**	1

Uses: closing the cable entry windows. Holes can be drilled for applying cable glands.



Raised blind flanges for windowed walls IP67

Type	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Qty
a	110x60	45	**538130**	2
b	175x60	45	**538230**	2
c	295x60	45	**538330**	1

Uses: closing the cable entry windows. Holes can be drilled for applying cable glands. The increased height helps entry of large cables or pipes. They make wiring easier as they increase the internal volume of the enclosure.

Technical accessories:



page 170



Hinge with installation kit for TAISBOX boxes

Description	Palazzoli code	Pack Qty
Single hinge in insulating material with screws, washers and gaskets	**538385**	1

Uses: with all TAIS series boxes in thermosetting GRP insulating material with screw cover (excluding those with 18 mm low cover). They cannot be fitted to walls with a window or near holes or knockouts.



Supports for bus bars for TAISBOX boxes

Installable on windows	Installable bus bars (mm)	Palazzoli code	Pack Qty
a	3 x 16x4 (16x5 - 20x4 - 20x5), 2 by 16x4 (earth and neutral), 3 of ø 9 (auxiliary circuits)	**538180**	1
b	3 of 25x5 (25x6 - 32x5 - 32x6), 2 of 25x5 (earth and neutral), 3 of ø 11 (auxiliary circuits)	**538280**	1
c	6 of 40x5 (40x8 - 50x5 - 50x8), 4 of 25x5 (25x6 - 32x5 - 32x6)	**538380**	1

Uses: they are used to facilitate the application of conductor busbars in watertight distribution boards composed of equipment in TAIS Grande modular insulating boxes with windows type 'a', 'b' and "c".



Wall-mounted supports for 90° angled installation of XCEE straight socket-outlets and plugs IP65

Support base dimensions (mm)	Installable sockets/ plugs	Box window	Palazzoli code	Pack Qty
142x113	63A	a	**472967**	1
142x113	125A	a	**472968**	1
207x113	63A	b	**472977**	1
207x113	125A	b	**472978**	1

Equipment included: 4 stainless steel screws for fixing the socket or the plug.
Uses: for applications with combinable modular thermosetting GRP boxes (with "a" or "b" windows).

Technical accessories:



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Dimensions on page 477

TAISBOX

Combinable modular boxes in thermosetting GRP



Transparent lids in polycarbonate
for modular devices
IP67

No. of DIN modules	Dimensions (mm)	Palazzoli code	Pack Qty
4	92x84x30	**538610**	10
6.5 or 7.5	152x84x30	**538620**	10
9 or 11	214x84x30	**538630**	5

Features: padlockable lid and with tamper-proof screw.

Technical accessories:



page 101



Cup shaped milling cutters in steel
for quick drill connection with tungsten
carbide gear teeth specific
for thermosetting GRP material

Hole type	Diameter (mm)	Palazzoli code	Pack Qty
Pg13.5	20	**538400**	1
Pg16	22		
Pg21	29		
Pg29	38		
Pg36	46		
M20	20.5	**538410**	1
M25	25.5		
M32	32.5		
M40	40.5		



Cable glands in insulating material
with metric pitch and long threading
IP68

Threading	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	15	**581112**	100
M16x1.5	16.5	3.5-10	15	**581116**	50
M20x1.5	20.5	7-14	15	**581120**	50
M25x1.5	25.5	9-18	15	**581125**	25
M32x1,5	32.5	14-25	15	**581132**	20
M40x1.5	40.5	18-32	16	**581140**	10
M50x1.5	50.5	24-38.5	16	**581150**	5
M63x1.5	63.5	35-48	16	**581163**	5



Locknuts in insulating material
with metric pitch

Threading	Palazzoli code	Pack Qty
M12x1,5	**581212**	50
M16x1.5	**581216**	50
M20x1.5	**581220**	50
M25x1.5	**581225**	50
M32x1,5	**581232**	50
M40x1.5	**581240**	20
M50x1.5	**581250**	10
M63x1.5	**581263**	5

Uses: for fixing cable glands with metric thread on walls with through-holes.

ALUCASE

Combinable boxes in marine aluminium



Body material	**Marine aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic, hot-polymerised polyester paint**
Colour	**RAL 5012 Light blue (cover)** **RAL 7035 Light grey (base)**
Protection rating	**IP66 - IP67**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C4-H / C5-M**
Insulation class	**I**
Ambient operating temperature	**-40°C - +90°C**
Ambient storage temperature	**-50°C - +90°C**

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 60670-1
IEC/EN 60670-22
IEC/EN 62208

ALUCASE

Combinable boxes in marine aluminium



Blind junction boxes
in marine aluminium with back plate
IP67

Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
92x92x42		**511110***	1
125x125x63		**511210**	1
185x125x63		**511220**	1
155x155x63		**521210**	1
185x185x95		**511310**	1
252x185x95		**511320**	1
220x220x95	blind walls	**521310**	1
252X252X140		**511410**	1
295X295X105		**521420**	1
315x252x140		**511420**	1
315X315X140		**511510**	1
373X373X140		**511610**	1

*Box without back plate.
Features: 185x185 and larger boxes with IP66 rating.

Technical accessories:


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Windowed junction boxes
in marine aluminium with back plate
IP67

Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
125x125x63		**511214**	1
155x155x63		**521214**	1
185x185x95		**511314**	1
252x185x95		**511324**	1
220x220x95		**521314**	1
252x252x140		**511414**	1
315x252x140		**511424**	1
507x252x140		**511452**	1
295x295x105		**521414**	1
315x315x140		**511514**	1
373x373x140		**511614**	1
507x373x140		**511634**	1
630x507x140		**511824**	1

Equipment included: free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes.
Features: 185x185 and larger boxes with IP66 rating.

Technical accessories:


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ALUCASE

Combinable boxes in aluminium



Low blind covers for ALUCASE boxes IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	23	**515111**	1
125x125	10	**515200**	1
185x125	25	**515221**	1
155x155	10	**525200**	1
185x185	10	**515300**	1
220x220	13	**525300**	1
252x252	25	**515411**	1
507x252	53	**515453**	1
295x295	18	**525410**	1
315x315	53	**515512**	1
373x373	25	**515610**	1
507x373	53	**515632**	1
630x507	53	**515822**	1

Equipment included: complete with non-ageing gasket and captive stainless steel fixing screws.
Features: covers with dimensions 185x185 and larger are IP66.



High blind covers for ALUCASE boxes IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	35	**515112**	1
185x92	50	**515144**	1
125x125	50	**515214**	1
185x125	50	**515224**	1
185x185	50	**515313**	1
252x185	57	**515323**	1
252x252	57	**515413**	1
315x252	53	**515423**	1
373x373	80	**515613**	1
507x373	165	**515637**	1

Equipment included: complete with non-ageing gasket and captive stainless steel fixing screws.
Features: the height of the cover allows to insert MCCB inside.
Covers with dimensions 185x185 and larger are rated IP66.



Covers with transparent window and DIN rail for ALUCASE boxes IP67

For boxes with dimensions (mm)	Height (mm)	No. of DIN modules	Palazzoli code	Pack Qty
125x125	80	4	**518204**	1
185x125	80	6.5	**518206**	1
185x185	80	7.5	**518207**	1
252x185	80	11	**518211**	1

Equipment included: complete with non-ageing gasket and captive stainless steel fixing screws and DIN rail.
Features: when fitted in the box they allow the installation of modular devices.
Covers with dimensions 185x185 and larger are rated IP66.
Padlockable lid and with tamper-proof screw.



Transparent lids in polycarbonate for modular devices

No. of DIN modules	Dimensions (mm)	Palazzoli code	Pack Qty
4	92x84x30	**538610**	10
6.5 or 7.5	152x84x30	**538620**	10
9 or 11	214x84x30	**538630**	5

Features: padlockable lid with tamper-proof screw.

Technical accessories:



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Dimensions on page 478 *Technical data on page 164*

ALUCASE

Combinable boxes in aluminium



Flat blind flanges in steel for windowed walls IP67

For windows	Projection (mm)	Palazzoli code	Pack Qty
F0	2.5	**540090**	5
F1	5.5	**540091**	5
F3	6	**540033**	2
F4	6	**540034**	2
F5	7	**540035**	2
F6	8	**540036**	1

Uses: they close unused windows. Holes can be drilled for applying cable glands.



Raised closing flanges in aluminium alloy for windowed walls IP67

For windows	Projection (mm)	Palazzoli code	Pack Qty
F1	32	**540061**	1
F3	50	**540063**	1
F4	50	**540064**	1
F5	80	**540065**	1
F6	80	**540066**	1

Uses: they close unused windows. They facilitate the wiring as they increase the internal volume of the enclosure.



Flanges in aluminium alloy with metric threading and cable gland for windowed walls IP66/IP67/IP69

For windows	Threading type	Tightening diameter (mm)	Palazzoli code	Pack Qty
F0	M25	9-18	**541050**	1
F1	M25	9-18	**541055**	1
F1	M32	14-25	**540180**	1
F3	M40	18-32	**540190**	1
F3	M50	24-39	**540191**	1
F4	M40	18-32	**540193**	1
F5	M50	24-39	**540195**	1



Flanges in aluminium alloy with double gas threading and cable gland for windowed walls IP67

For windows	Thread type	Cable entry diameter (mm)	Projection (mm)	Palazzoli code	Pack Qty
F0	1/2"	8-13	36	**541040**	1
F1	3/4"	12-16	57	**540161**	1

Uses: suitable for entry with threaded pipes.



One way junctions in aluminium alloy for windowed walls

For windows	Projection (mm)	For cables ø (mm)	Palazzoli code	Pack Qty
F3	110	42	**544033**	1
F4	140	54	**544034**	1
F5	160	65	**544035**	1
F6	250	80	**544036**	1

Uses: suitable for entry with unthreaded pipes or cables.



90°angled one way junctions in aluminium alloy for windowed walls

For windows	Projection (mm)	Internal hole ø (mm)	Palazzoli code	Pack Qty
F1	53	32	**545081**	1
F3	83	54	**545083**	1
F4	93	60	**545084**	1
F5	137	65	**545085**	1
F6	137	65	**545086**	1

Uses: suitable for entry with unthreaded pipes or cables.



Steel reducers for windows IP67

Shape	Reducer type for window	Reducer type for window	Thickness (mm)	Palazzoli code	Pack Qty
	F5	F4	5	**547054**	1

Uses: boxes and socket-outlets can be interfaced with different windows.

FIREBOX

Fire-resistant boxes E30 - E60 - E90



Body material	**Steel** **Technopolymer Halogen free**
Surface finish	**Painted (steel)**
Colour	**RAL2003 Pastel orange**
Protection rating	**IP66 (steel)** **IP56 (technopolymer)**
Impact resistance	**IK10 (steel)** **IK08 (technopolymer)**
Resistance to abnormal heat and fire	**650°C (technopolymer)**
Insulation class	**I (steel)** **II (technopolymer)**
Ambient operating temperature	**-40°C - +70°C (steel)** **-25°C - +50°C (technopolymer)**
Ambient storage temperature	**-50 °C - +90 °C (steel)** **-30 °C - +70 °C (technopolymer)**
Insulation voltage	**690V**
Line cable cross-section	**6 - 35 mm²**
Functional maintenance	**830°C 120' IEC 60331-1** **E30 - E60 - E90 DIN 4102 -12**

CE

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60670-1
IEC 60331-1
DIN 4102-12
EN 60670-22

FIREBOX

Fire-resistant boxes E30 - E60 - E90



Fire-resistant junction boxes
in technopolymer
830 °C 120' / 1000 °C 90'
IP56

Outer dimensions (mm)	Hole type	Palazzoli code	Pack Qty
160x120x75	M25 M20 ↓ ↓ M25/M32→ ← M25/M32 M25/M32→ ← M25/M32 ↑ ↑ M25 M20	**151700**	1
200x155x75	M25/M32 M25/M32 ↓ ↓ M25/M40→ ← M25/M40 M25/M40→ ← M25/M40 ↑ ↑ M25/M32 M25/M32	**151702**	1
250x185x130	M25/M32 M25/M32 ↓ ↓ M25/M40→ ← M25/M40 M25/M40→ ← M25/M40 ↑ ↑ M25/M32 M25/M32	**151703**	1

Equipment included: 4 cable grommets.
Features: blind walls with M20, M25, M32, M40 knock-out opening.

Technical accessories:



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Fire-resistant junction boxes
in steel
830 °C 120' / 1000 °C 90'
IP66

Outer dimensions (mm)	Hole type	Palazzoli code	Pack Qty
150x150x90	M25→ ← M25 M25→ ← M25	**151301**	1
250x250x130	M40→ ← M40 M40→ ← M40	**151304**	1

Equipment included: 4 cable grommets.
Features: wall inlet holes. Code 151301 prepared for 1 fuse holder base; code 151304 prepared for 2 fuse holder bases.

Technical accessories:



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CODE 151304 WITH FUSE HOLDER BASE AND TERMINALS





Fire-resistant ceramic branch terminals for power lines

Terminal type	Entry cable cross-section (mm^2)	Palazzoli code	Pack Qty
single	2,5 - 6	**151711**	1
	6,0 - 10	**151712**	1
	10 - 16	**151713**	1
double	0,5 - 6	**151721**	1
	10 - 16	**151722**	1
	20 - 35	**151723**	1



Fire-resistant branch terminal
for signal lines

No. of poles for section (mm^2)	Entry cable cross-section (mm^2)	Palazzoli code	Pack Qty
20 x 0.5	up to 0.5	**151791**	1



Fire-resistant ceramic fuse holder base

Fuse type	Rated max current (A)	Palazzoli code	Pack Qty
D01	16	**151792**	1

UNI

Cable glands in technopolymer and nickel-plated brass

Body material	**Polyamide (technopolymer version)** **Nickel-plated (brass version)** **Neoprene (gasket)** **Galvanised steel (adaptors)**
Colour	**RAL 7035 Light grey (technopolymer)**
Protection rating	**IP67 - IP68**
Ambient operating temperature	**-30°C - +100°C (cable glands in insulating material)** **-30°C - +90°C (adaptors in insulating materials)**
Ambient storage temperature	**-40°C - +100°C (brass)**

CE

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 62444



Cable glands in insulating material with metric pitch
IP68

Threading	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	8	**581012**	100
M16x1.5	16.5	3.5-10	10	**581016**	50
M20x1.5	20.5	7-14	10	**581020**	50
M25x1.5	25.5	9-18	10	**581025**	25
M32x1,5	32.5	14-25	10	**581032**	20
M40x1.5	40.5	18-32	10	**581040**	10
M50x1.5	50.5	24-38.5	12	**581050**	5
M63x1.5	63.5	35-48	12	**581063**	5



Cable glands in insulating material with metric pitch and long threading
IP68

Threading	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	15	**581112**	100
M16x1.5	16.5	3.5-10	15	**581116**	50
M20x1.5	20.5	7-14	15	**581120**	50
M25x1.5	25.5	9-18	15	**581125**	25
M32x1,5	32.5	14-25	15	**581132**	20
M40x1.5	40.5	18-32	15	**581140**	10
M50x1.5	50.5	24-38.5	15	**581150**	5
M63x1.5	63.5	35-48	15	**581163**	5

Uses: for cable/conduit entry into boxes with very thick walls.



Screwcaps in insulating material with metric pitch
IP68

Threading	Max. mounting hole (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	10	**581312**	1
M16x1.5	16.5	15	**581316**	1
M20x1.5	20.5	15	**581320**	1
M25x1.5	25.5	15	**581325**	1
M32x1,5	32.5	15	**581332**	1
M40x1.5	40.5	18	**581340**	1
M50x1.5	50.5	18	**581350**	1
M63x1.5	63.5	18	**581363**	1



Locknuts in insulating material with metric pitch

Threading	Palazzoli code	Pack Qty
M12x1,5	**581212**	50
M16x1.5	**581216**	50
M20x1.5	**581220**	50
M25x1.5	**581225**	50
M32x1,5	**581232**	50
M40x1.5	**581240**	20
M50x1.5	**581250**	10
M63x1.5	**581263**	5

UNI

Cable glands in technopolymer and nickel-plated brass



Cable glands in insulating material
with Pg threading
IP68

Pg	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
7	13	2.5-6.5	8	**571007**	100
9	16	2.5-8	8	**571009**	50
11	19	3.5-10	8	**571011**	50
13.5	21	5-12	9	**571013**	50
16	23	7-14	10	**571016**	50
21	29	9-18	11	**571021**	25
29	38	14-25	11	**571029**	20
36	48	18-32	13	**571036**	10
42	55	24-38.5	13	**571042**	5
48	61	35-48	14	**571048**	5



Cable glands in insulating material
with Pg pitch and long threading
IP68

Pg	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
7	13	3-6	15	**571107**	50
9	16	5-8	15	**571109**	50
11	19	6-10	15	**571111**	50
13.5	21	8-12	15	**571113**	50
16	23	10-14	15	**571116**	50
21	29	11.5-18	15	**571121**	20
29	38	15-24	15	**571129**	20
36	48	24-34	18	**571136**	10
42	55	34-42	18	**571142**	10
48	61	37-45	18	**571148**	10



Screwcaps in insulating material
with Pg threading
IP67

Pg	Max. mounting hole (mm)	Thread length (mm)	Palazzoli code	Pack Qty
13.5	21	9	**580230**	100
16	23	9	**580231**	100
21	29	10	**580232**	100
29	38	12	**580233**	50
36	48	14	**580234**	25



Locknuts in insulating material
with Pg threading

Pg	Palazzoli code	Pack Qty
7	**571207**	50
9	**571209**	50
11	**571211**	50
13.5	**571213**	50
16	**571216**	50
21	**571221**	25
29	**571229**	20
36	**571236**	10
42	**571242**	5
48	**571248**	5



Screwcaps with anti-condensation filter
with Pg threading
IP54

Pg	Max. mounting hole (mm)	Thread length (mm)	Palazzoli code	Pack Qty
16	23	13	**580211**	1
21	29	13	**580212**	1
29	38	16	**580213**	1

Equipment included: inclusive of threaded shade ring, stainless steel sponge filter, gasket and nut.
Features: the cap must be mounted with the opening facing downwards.
Uses: particularly suitable in environments with high humidity.

BOARDS AND BOXES

Technical data on page 170

UNI

Cable glands in technopolymer and nickel-plated brass



Cable glands in nickel-plated brass with metric threading
IP68

Threading	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	6.5	**582012**	100
M16x1.5	16.5	4-9.5	7	**582016**	50
M20x1.5	20.5	7-13	8	**582020**	50
M25x1.5	25.5	8-16	8	**582025**	25
M32x1,5	32.5	11-21	9	**582032**	20
M40x1.5	40.5	15-27	9	**582041**	10
M50x1.5	50.5	22-35	10	**582050**	5



Screw caps in nickel-plated brass with metric threading
IP68

Threading	Max. mounting hole (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	5	**582312**	100
M16x1.5	16.5	6	**582316**	100
M20x1.5	20.5	6.5	**582320**	100
M25x1.5	25.5	7	**582325**	100
M32x1,5	32.5	8	**582332**	50
M40x1.5	40.5	9	**582340**	50
M50x1.5	50.5	10	**582350**	25
M63x1.5	63.5	10	**582363**	25



Cable glands in nickel-plated brass with metric threading with long thread
IP68

Threading	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	2.5-6.5	15	**582112**	100
M16x1.5	16.5	4-9.5	15	**582116**	50
M20x1.5	20.5	7-13	15	**582120**	50
M25x1.5	25.5	8-16	15	**582125**	25
M32x1,5	32.5	11-21	15	**582132**	20
M40x1.5	40.5	15-27	15	**582141**	10
M50x1.5	50.5	22-35	15	**582150**	5
M63x1.5	63.5	35-48	15	**582163**	5



Locknuts in nickel-plated brass with metric threading

Threading	Palazzoli code	Pack Qty
M12x1,5	**582212**	50
M16x1.5	**582216**	50
M20x1.5	**582220**	50
M25x1.5	**582225**	25
M32x1,5	**582232**	20
M40x1.5	**582240**	10
M50x1.5	**582250**	10
M63x1.5	**582263**	5

Technical data on page 170

UNI

Cable glands in technopolymer and nickel-plated brass



Cable gland in nickel-plated brass with Pg threading
IP68

Pg	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
7	13	2.5-6.5	5	**572007**	50
9	15,5	4-9.5	6	**572009**	50
11	19	6-11,5	6	**572011**	50
13.5	21	7-13	6.5	**572013**	50
16	23	8-15	6.5	**572016**	50
21	29	11-19	7	**572021**	20
29	37.5	16-26	8	**572029**	20
36	47.5	22-34.5	9	**572036**	10
42	54.5	27-40	10	**572042**	5



Cable gland in nickel-plated brass with Pg threading with long thread
IP68

Pg	Max. mounting hole (mm)	Tightening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
7	13	2.5-6.5	12	**572107**	50
9	15,5	4-9.5	12	**572109**	50
11	19	6-11,5	12	**572111**	50
13.5	21	7-13	12	**572113**	50
16	23	8-15	12	**572116**	50
21	29	11-19	12	**572121**	20
29	37.5	16-26	15	**572129**	20
36	47.5	22-34.5	15	**572136**	10
42	54.5	27-40	15	**572142**	5
48	60	35-48	15	**572148**	5



Screwcaps in nickel-plated brass with Pg threading
IP68

Pg	Max. mounting hole (mm)	Thread length (mm)	Palazzoli code	Pack Qty
7	13	5	**572307**	50
9	15,5	6	**572309**	50
11	19	6	**572311**	50
13.5	21	6.5	**572313**	50
16	23	6.5	**572316**	25
21	29	7	**572321**	20
29	37.5	8	**572329**	15
36	47.5	9	**572336**	10
42	54.5	10	**572342**	10
48	60	10	**572348**	10



Locknuts in nickel-plated brass with Pg threading

Pg	Palazzoli code	Pack Qty
7	**572207**	50
9	**572209**	50
11	**572211**	50
13.5	**572213**	50
16	**572216**	50
21	**572221**	20
29	**572229**	20
36	**572236**	10
42	**572242**	5
48	**572248**	5

Technical data on page 170

CONTACT

Terminal blocks

Body material	**Ceramic (supports) Brass (contacts)**
Rated impulse-withstand voltage	**6kV**
Ambient operating temperature	**-50°C - +100°C**
Ambient storage temperature	**-50°C - +100°C**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60999-1
IEC/EN 60999-2
IEC/EN 60300

Technical features of saddle terminal blocks:

Rated cross-section (mm^2)	Rated current (A)	Entry cable cross-section (mm^2)	Tightening torque (Nm)
16	76	6 - 16	0.8
25	101	10 - 25	1.2
35	125	16 - 35	1.2
70	192	50 - 70	2
120	269	95 - 120	2.5
240	415	150 - 240	6
300	520	240 - 300	6

Technical features of terminal blocks on metal bar:

Rated cross-section (mm^2)	Rated current (A)	Entry cable cross-section (mm^2)	Tightening torque (Nm)
6	41	1,5 - 6	0.8
16	76	4 - 16	1.2



Terminal blocks with saddle terminals for back plates
500V

Box min. dimensions (mm)		No. of poles per section	Palazzoli code	Pack Qty
TAISBOX	ALUCASE			
125x92	92x92	3x16 mm^2	**159030**	1
185x125	125x125	3x25 mm^2	**159032**	1
	155x155	3x35 mm^2	**159033**	5
190x185	185x185	3x70 mm^2	**159034**	1
250x250	220x220	3x120 mm^2	**159035**	1
370x250	295x295	3x240 mm^2	**159036**	1
500x370	373x373	3x300 mm^2	**159037**	1
185x125	125x125	4x16 mm^2	**159040**	10
	155x155	4x25 mm^2	**159042**	5
190x185	185x185	4x35 mm^2	**159043**	1
250x250	220x220	4x70 mm^2	**159044**	1
370x250	295x295	4x120 mm^2	**159045**	1
500x370	373x373	4x240 mm^2	**159046**	1



Terminal blocks in ceramic on metallic bar for TAISBOX
400V

For boxes with dimensions (mm)	No. of poles per section	Palazzoli code	Pack Qty
92x92	4x6 mm^2	**532725**	1
92x125, 92x185 125x125, 125x185	4x6 mm^2	**532745**	1
	4x16 mm^2	**532747**	1

Features: codes 532735 and 532755 in insulating material.

Technical accessories:


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Dimensions on page 479

Control

STANDARD APPLICATIONS



CAM-SZ

Wall-mounted isolator switches in technopolymer
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Isolator switches for base mounting and back panel mounting
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CAM-ST

Multi-diagram cam switches
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ALARM

Sirens and bells in aluminium alloy
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HEAVY-DUTY APPLICATIONS



CAM-TAIS

Rotary switches in thermosetting GRP
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CAM-ALUPRES

Rotary switches in marine aluminium alloy
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CAM-FIRE

Fire resistant rotary switches in aluminium alloy
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CAM

Multi-diagram cam switches
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TAIS MIGNON

Small devices in thermosetting GRP
Page 200



RONDÒ

Small devices in aluminium alloy
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CAM-SZ



CAM-SZ

Wall-mounted isolator switches in technopolymer

ADVANTAGES



1

The CAM-SZ series is of the AC3 - AC23A category and is suitable for highly inductive loads.
The switch is designed to accommodate two auxiliary contacts for remote signalling.

The yellow cover and the red handle are easily identifiable even in the presence of smoke.

2





3

A rational and complete range from 16A to 100A, in the control and emergency versions, with a large internal space that facilitates wiring and ensures maximum heat dissipation.

The handle, padlockable in the 0 and 1 positions, prevents unintended actuations.

4



CAM-SZ

Wall-mounted isolator switches in technopolymer

Body material	**Technopolymer**
Colour	**RAL 7035 Light grey (standard version)** **RAL 7042 Traffic grey (standard handle)** **RAL 1018 Zinc yellow (emergency cover)** **RAL 3020 Traffic red (emergency handle)**
Protection rating	**IP65**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**960°C (switch)** **650°C (enclosure)**
Flammability class	**V-0 (switch)** **HB (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +60°C**
Ambient storage temperature	**-40°C - +80°C**
Rated current	**16A - 25A - 32A - 40A - 63A - 100A**
Operating voltage	**Up to 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60947-1
IEC/EN 60947-3
IEC/EN 63000

Rated operating current:			16A	25A	32A	40A	63A	100A
Thermal current Ith		**A**	**16**	**25**	**32**	**40**	**63**	**100**
AC-21A	690V	A	16	25	32	40	63	100
AC-22A	690V	A	16	25	32	40	63	100
AC23A	230V	A	16	25	32	40	63	63
	400V							
	500V							
	690V							
AC23A	230V	kW	5.1	8.0	10.2	12.7	20.1	20.1
	400V		8.9	13.9	17.7	22.2	34.9	34.9
	500V		11.1	17.3	22.2	27.7	43.6	43.6
	690V		15.3	23.9	30.6	38.2	60.2	60.2
AC3	230V	kW	5.1	8.0	10.2	12.7	15.9	15.9
	400V		8.9	13.9	17.7	22.2	27.7	27.7
	500V		11.1	17.3	22.2	27.7	34.6	34.6
	690V		15.3	23.9	30.6	38.2	47.8	47.8

Wiring data:		16A	25A	32A	40A	63A	100A
Entry cable cross-section	mm^2	1 - 10			6 - 35		
Tightening torque	Nm	2			3		



Wall-mounted emergency isolator switches in technopolymer IP65

Rated current (A)	Poles	CAM scheme	Palazzoli code	Pack Qty
16	2	1	**208162**	1
	3	2	**208163**	1
	4	3	**208164**	1
25	3	2	**208253**	1
	4	3	**208254**	1
32	2	1	**208322**	1
	3	2	**208323**	1
	4	3	**208324**	1
40	3	2	**208403**	1
	4	3	**208404**	1
63	3	2	**208633**	1
	4	3	**208634**	1
100	3	2	**208103**	1
	4	3	**208104**	1

Equipment included: complete with terminal cover.
Features: handle padlockable in position 0.



Wall-mounted control isolator switches in technopolymer IP65

Rated current (A)	Poles	CAM scheme	Palazzoli code	Pack Qty
16	2	1	**209162**	1
	3	2	**209163**	1
	4	3	**209164**	1
25	3	2	**209253**	1
	4	3	**209254**	1
32	2	1	**209322**	1
	3	2	**209323**	1
	4	3	**209324**	1
40	3	2	**209403**	1
	4	3	**209404**	1
63	3	2	**209633**	1
	4	3	**209634**	1
100	3	2	**209103**	1
	4	3	**209104**	1

Equipment included: complete with terminal cover.
Features: handle padlockable in position 0 and 1.

Technical accessories:



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CAM-SZ

Isolator switches for base mounting and back panel mounting



Emergency isolator switches
with doorlock and yellow front plate
for base mounting
IP65

Rated current (A)	Poles	CAM scheme	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	2	1	67x67	**265162**	1
	3	2	67x67	**265163**	1
	4	3	67x67	**265164**	1
25	3	2	67x67	**265253**	1
	4	3	67x67	**265254**	1
32	2	1	67x67	**265322**	1
	3	2	67x67	**265323**	1
	4	3	67x67	**265324**	1
40	3	2	67x67	**265403**	1
	4	3	67x67	**265404**	1
63	2	1	67x67	**265632**	1
	3	2	67x67	**265633**	1
	4	3	67x67	**265634**	1
100	3	2	67x67	**265103**	1
	4	3	67x67	**265104**	1

Features: IP20 terminals suitable for fastening cables without prior preparation of the conductors and without the use of terminals. The handles are padlockable in positions 0.
Uses: direct fixing on plate by means of screws or on DIN rail.



Emergency isolator switches
with yellow front plate
for base mounting
IP65

Rated current (A)	Poles	CAM scheme	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	2	1	67x67	**267162**	1
	3	2	67x67	**267163**	1
	4	3	67x67	**267164**	1
25	3	2	67x67	**267253**	1
	4	3	67x67	**267254**	1
32	2	1	67x67	**267322**	1
	3	2	67x67	**267323**	1
	4	3	67x67	**267324**	1
40	3	2	67x67	**267403**	1
	4	3	67x67	**267404**	1
63	2	1	67x67	**267632**	1
	3	2	67x67	**267633**	1
	4	3	67x67	**267634**	1
100	3	2	67x67	**267103**	1
	4	3	67x67	**267104**	1

Features: IP20 terminals suitable for clamping cables without prior preparation of the conductors and without the use of terminals. The handles are padlockable in the 0 position.
Notes: the auxiliary contacts cannot be used.



Black handle with grey front plate

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-100	67x67	**270909**	1



Auxiliary contacts
for switch status signalling

Rated current (A)	Switch type	Contact type	Palazzoli code	Pack Qty
10	16A - 100A	1 NC (Late break)	**270326**	1
		1 NO postponed	**270327**	1
		1 NC	**270330**	1
		1 NO	**270331**	1
		1 NO + 1 NC	**270332**	1

Features: code 270332 consisting of 2 contacts.



Extension shafts
for switches
for base mounting
16A/100A

Rated current (A)	Board diameter (mm)	Length (mm)	Palazzoli code	Pack Qty
16-100	6	225	**270225**	1
	6	350	**270350**	1
	6	500	**270500**	1

Notes: the auxiliary contacts cannot be used.



Adjustable spacer support kit in steel
for base-mounting devices

Min length (mm)	Max. length (mm)	Palazzoli code	Pack Qty
97	168	**270900**	10

Features: it consists of 4 equal squares in galvanised steel with self-threading screws and washers.
Uses: it is used for fixing devices in the right position and height for correct coupling with the handle applied to the hatch.

CAM-ST

Multi-diagram cam switches



Body material	**Technopolymer**
Colour	**RAL 7035 Light grey**
Protection rating	**IP65 (handle)** **IP20 (terminals)**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**960°C (switch)** **850°C (handle and front plate)**
Flammability class	**V-0 (switch)** **HB (handle and front plate)**
Ambient operating temperature	**-25°C - +60°C**
Ambient storage temperature	**-40°C - +80°C**
Rated current	**12A - 16A - 20A - 25A - 32A - 40A - 63A**
Operating voltage	**Up to 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

Rated operating current:			**12A**	**16A**	**20A**	**25A**	**32A**	**40A**	**63A**
Thermal current Ith		A	12	16	20	25	32	40	63
AC-21A	690V	A	12	16	20	25	32	40	63
AC-22A	690V		12	16	20	25	32	40	63
AC-23A	230V	A	10	14	18	20	32	40	63
	400V								
	500V		6	10	12	16	25	32	50
	600V								
AC-23A	230V	kW	3.2	4.5	5.7	6.4	10.2	12.7	20.1
	400V		5.5	7.8	10	11.1	17.7	22.2	34.9
	500V		4.2	6.9	8.3	11.1	17.3	22.2	34.6
	600V		5	8.3	10	13.3	20.8	26.6	41.6
AC-3	230V	kW	2.5	3.8	5.1	5.7	8.9	11.2	17.8
	400V		4.4	6.7	8.9	10	15,5	19.4	31
	500V		4.2	6.9	8.3	11.1	17.3	22.2	34.6
	690V		5.7	9.6	11.5	15.3	23.9	30.6	47.8

Wiring data:		**12A**	**16A**	**20A**	**25A**	**32A**	**40A**	**63A**
Entry cable cross-section	mm^2	1,5 - 6				2.5 - 16		
Tightening torque	Nm	1				3		

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 60947-1
IEC/EN 60947-3

CAM-ST

Multi-diagram cam switches



Switches with grey front plate
for base mounting
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	1	0	33	**210121**	**211121**	1
	2	1	33	**210122**	**211122**	1
	3	2	46	**210123**	**211123**	1
	4	3	46	**210124**	**211124**	1
	5	43	59	**210125**	**211125**	1
	6	44	59	**210126**	**211126**	1
16	1	0	33	**210161**	**211161**	1
	2	1	33	**210162**	**211162**	1
	3	2	46	**210163**	**211163**	1
	4	3	46	**210164**	**211164**	1
	5	43	59	**210165**	**211165**	1
	6	44	59	**210166**	**211166**	1
20	1	0	33	**210201**	**211201**	1
	2	1	33	**210202**	**211202**	1
	3	2	46	**210203**	**211203**	1
	4	3	46	**210204**	**211204**	1
	5	43	59	**210205**	**211205**	1
	6	44	59	**210206**	**211206**	1
25	1	0	33	**210251**	**211251**	1
	2	1	33	**210252**	**211252**	1
	3	2	46	**210253**	**211253**	1
	4	3	46	**210254**	**211254**	1
	5	43	59	**210255**	**211255**	1
	6	44	59	**210256**	**211256**	1
32	1	0	43		**212321**	1
	2	1	60		**212322**	1
	3	2	77		**212323**	1
	4	3	94		**212324**	1
40	1	0	43		**212401**	1
	2	1	60		**212402**	1
	3	2	77		**212403**	1
	4	3	94		**212404**	1
63	1	0	43		**212631**	1
	2	1	60		**212632**	1
	3	2	77		**212633**	1
	4	3	94		**212634**	1

Features: the 67x67 handles are padlockable in positions 0 and I.

Technical accessories:


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Switches
with padlockable yellow front plate
for base mounting
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 67x67	Pack Qty
12	3	2	46	**214123**	1
	4	3	46	**214124**	1
16	3	2	46	**214163**	1
	4	3	46	**214164**	1
20	3	2	46	**214203**	1
	4	3	46	**214204**	1
25	3	2	46	**214253**	1
	4	3	46	**214254**	1
32	3	2	60	**214323**	1
	4	3	60	**214324**	1
40	3	2	60	**214403**	1
	4	3	60	**214404**	1
63	3	2	60	**214633**	1
	4	3	60	**214634**	1

Features: the handles are padlockable in positions 0.

Technical accessories:


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Two-way switches with grey front plate
for base mounting
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	1	8	33	**236121**	**237121**	1
	2	9	46	**236122**	**237122**	1
	3	10	59	**236123**	**237123**	1
16	1	8	33	**236161**	**237161**	1
	2	9	46	**236162**	**237162**	1
	3	10	59	**236163**	**237163**	1
20	1	8	33	**236201**	**237201**	1
	2	9	46	**236202**	**237202**	1
	3	10	59	**236203**	**237203**	1
25	1	8	33	**236251**	**237251**	1
	2	9	46	**236252**	**237252**	1
	3	10	59	**236253**	**237253**	1

Technical accessories:


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CAM-ST

Multi-diagram cam switches



Selector switches with grey front plate for base mounting
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	1	4	33	**215121**	**216121**	1
	2	5	46	**215122**	**216122**	1
	3	6	59	**215123**	**216123**	1
	4	7	72	**215124**	**216124**	1
16	1	4	33	**215161**	**216161**	1
	2	5	46	**215162**	**216162**	1
	3	6	59	**215163**	**216163**	1
	4	7	72	**215164**	**216164**	1
20	1	4	33	**215201**	**216201**	1
	2	5	46	**215202**	**216202**	1
	3	6	59	**215203**	**216203**	1
	4	7	72	**215204**	**216204**	1
25	1	4	33	**215251**	**216251**	1
	2	5	46	**215252**	**216252**	1
	3	6	59	**215253**	**216253**	1
	4	7	72	**215254**	**216254**	1
32	1	4	43		**217321**	1
	2	5	60		**217322**	1
	3	6	77		**217323**	1
	4	7	94		**217324**	1
40	1	4	43		**217401**	1
	2	5	60		**217402**	1
	3	6	77		**217403**	1
	4	7	94		**217404**	1
63	1	4	43		**217631**	1
	2	5	60		**217632**	1
	3	6	77		**217633**	1
	4	7	94		**217634**	1

Technical accessories:


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Three-pole reversing switches with grey front plate for base mounting
IP65

Rated current (A)	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	12	59	**221123**	**222123**	1
16	12	59	**221163**	**222163**	1
20	12	59	**221203**	**222203**	1
25	12	59	**221253**	**222253**	1
32	12	77		**223323**	1
40	12	77		**223403**	1
63	12	77		**223633**	1



Dahlander pole selector switches with grey front plate for base mounting
IP65

Rated current (A)	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	66	72	**381123**	**382123**	1
16	66	72	**381163**	**382163**	1
20	66	72	**381203**	**382203**	1
25	66	72	**381253**	**382253**	1



Star-delta starters with grey front plate for base mounting
IP65

Rated current (A)	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	13	72	**218123**	**219123**	1
16	13	72	**218163**	**219163**	1
20	13	72	**218203**	**219203**	1
25	13	72	**218253**	**219253**	1
32	13	94		**220323**	1
40	13	94		**220403**	1
63	13	94		**220633**	1

Technical accessories:


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CAM-ST

Multi-diagram cam switches



Adaptor for mounting 12 A to 25A devices with screws on a 22 mm Ø hole

Front plate dimensions (mm)	Colour	Palazzoli code	Pack Qty
48x48	black	**270237**	1
67x67	black	**270239**	1
	yellow / red	**270240**	1



Adaptor for base mounting or installation on DIN rail

Rated current (A)	Width (mm)	Palazzoli code	Pack Qty
12-25	54	**270236**	1
32-63	78	**270243**	1



Wall-mounted box in technopolymer suitable for base-mounted devices IP65

Outer dimensions (mm)	Available depth (mm)	Palazzoli code	Pack Qty
121x158x107	90	**270247**	1



Extension shafts in aluminium alloy for base-mounted devices

Rated current (A)	Board diameter (mm)	Width (mm)	Palazzoli code	Pack Qty
12-25	6	225	**271225**	1
	6	350	**271350**	1
	6	500	**271500**	1
32-63	6	225	**274225**	1
	6	350	**274350**	1
	6	500	**274500**	1



Universal wall-mounted box in technopolymer IP65

Outer dimensions (mm)	Available depth (mm)	Palazzoli code	Pack Qty
121x158x107	90	**270248**	1

Technical accessories:



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CAM-TAIS

Rotary switches in thermosetting GRP

Body material	**Palazzoli Thermosetting GRP**
Colour	**RAL 5015 Sky blue (cover) RAL 7042 Traffic grey (base)**
Protection rating	**IP65 - IP66/ IP67**
Impact resistance	**IK10**
Glow Wire Test	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-25°C - +60°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**From 16A to 630A**
Operating voltage	**690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**



Wall-mounted isolator switches
with metric hole entries
50/60Hz IP66/IP67

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Qty
16	2	1	92x125	M25 / M25	**292101**	1
	3	2			**292102**	1
	4	3			**292103**	1
25	3	2			**292202**	1
	4	3			**292203**	1
32	3	2			**292232**	1
	4	3			**292233**	1
40	3	2	125x185	M32 / M32	**292302**	1
	4	3			**292303**	1
63	3	2			**292412**	1
	4	3			**292413**	1

Features: handle padlockable with 3 padlocks up to 8 mm.

Technical accessories:


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CE

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60947-1
IEC/EN 60947-3
IEC/EN 63000

The technical features of CAM-TAIS switches are on page 449.

CAM-TAIS

Rotary switches in thermosetting GRP



Wall-mounted isolator switches
with windowed walls
50/60Hz IP65

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
100	3	2	185x250	a / a	**292512**	1
	4	3			**292503**	1
125	3	2			**292542**	1
	4	3			**292543**	1
160	3	2	250x370	b / b	**292552**	1
	4	3			**292553**	1
200	3	2			**292621**	1
	4	3			**292623**	1
250	3	2			**292632**	1
	4	3			**292633**	1
400	4	3	370x500	blind walls / blind walls	**292703**	1
630	4	3			**292733**	1

Equipment included: coupling and flange fixing screws.
Features: handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.

Technical accessories:

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Wall-mounted isolator switches
with fuse holder base
50/60Hz IP66/IP67

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Qty
16 fuses 10.3x38	3	2	92x240	M25 / M25	**290163**	1
	4	3			**290164**	1
25 fuses 10.3x38	3	2			**290522**	1
	4	3			**290523**	1
32 fuses 10.3x38	3	2			**290323**	1
	4	3			**290324**	1
40 fuses 22x58	3	2	125x335	M32 / M32	**290642**	1
	4	3			**290643**	1
63 fuses 22x58	3	2			**290762**	1
	4	3			**290763**	1

Features: handle padlockable with 3 padlocks up to 8 mm.

Technical accessories:

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Wall-mounted isolator switches
with windowed walls
and fuse holder base
50/60Hz IP65

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
100 fuses ACR NH-00	4	3	250x370	b / b	**293053**	1
125 fuses ACR NH-00	4	3			**293123**	1
160 fuses ACR NH-00	4	3			**293163**	1
200 fuses ACR NH-1	4	3	370x500	c / c	**293063**	1
250 fuses ACR NH-1	4	3			**293263**	1

Equipment included: coupling and flange fixing screws.
Features: handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.

Technical accessories:

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CAM-ALUPRES

Rotary switches in marine aluminium alloy

Body material	**Marine aluminium alloy**
Colour	**RAL 5012 Light blue (cover) RAL 7035 Light grey (base)**
Protection rating	**IP55 - IP65 - IP66/IP67**
Impact resistance	**IK10**
Insulation class	**I**
Ambient operating temperature	**-25°C - +60°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**From 16A to 630A**
Operating voltage	**690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60947-1
IEC/EN 60947-3
IEC/EN 63000

The technical characteristics of CAM-ALUPRES switches up to 4 poles are on page 450. The technical specifications of all other control devices are on page 449.



Wall-mounted isolator switches
with windowed walls
50/60Hz IP66/IP67

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	2	1	92x125	F0	**272141**	1
	3	2			**272142**	1
	4	3			**272143**	1
	6	3.1			**272144****	1
25	3	2			**272242**	1
	4	3			**272243**	1
	6	3.1			**272244****	1
32	3	2			**272232**	1
	4	3			**272233**	1
40	3	2	125x185	F1	**272302**	1
	4	3			**272303**	1
	6	3.1			**272304****	1
63	3	2			**282402**	1
	4	3			**282403**	1
	6	3.1			**282404****	1
100	3	2	185x252	F3	**272502**	1
	4	3			**272503**	1
125	3	2	252x315	F5	**272542***	1
	4	3			**272543***	1
160	3	2			**272552***	1
	4	3			**272553***	1
200	3	2	252x507		**282602***	1
	4	3			**282603***	1
250	3	2			**272632***	1
	4	3			**272633***	1
400	4	3	373x507	blind walls	**282703***	1
630	4	3	373x630	blind walls	**282803***	1

Equipment included: coupling gaskets and screws.
Features: handle padlockable with 3 padlocks up to 8 mm.
Earthing connection inside and outside the box.
* IP65 protection rating, handle padlockable in the "0" position with 2 padlocks up to 4.5 mm.
** The 6P version does not support auxiliary contacts.

Technical accessories:


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CAM-ALUPRES

Rotary switches in marine aluminium alloy



Wall-mounted selector switches with windowed walls 50/60Hz IP66/IP67

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	3	6	92x125	F0 / F0	**272146**	1
	4	7			**272147**	1
25	3	6			**272246**	1
	4	7			**272247**	1
40	3	6	125x185	F1 / F1	**272306**	1
	4	7			**272307**	1
63	3	6	252x185	F4 / F4	**282406**	1
	4	7			**282407***	1
100	4	7	315x315	F5 / F5	**272507***	1
200	4	7	373x373	F6 / F6	**282607***	1

Equipment included: coupling gaskets and screws.
Features: earthing connection inside and outside the box.
*the protection rating is IP55, handles with mechanical lever and bevel gear transmission.



Wall-mounted two-way switches with windowed walls 50/60Hz IP66/IP67

Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	1	8	92x92	F0 / F0	**272148**	1

Equipment included: coupling gaskets and screws.
Features: earthing connection inside and outside the box.

Technical accessories:


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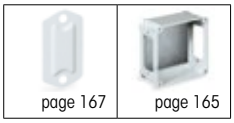


Wall-mounted reversing switches with windowed walls for three-phase motors 50/60Hz IP66/IP67

Rated current (A)	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	12	92x125	F0 / F0	**272152**	1
25	12			**272252**	1
40	12	125x185	F1 / F1	**272312**	1
63	12			**282412**	1

Equipment included: coupling gaskets and screws.
Features: earthing connection inside and outside the box.

Technical accessories:


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Auxiliary contacts for switch status signalling

Rated current (A)	Switch type	Contact type	Palazzoli code	Pack Qty
10	16A - 100A 2P, 3P, 4P	1 NC (Late break)	**270326**	1
		1 NO postponed	**270327**	1
		1 NC	**270330**	1
		1 NO	**270331**	1
		1 NO + 1 NC	**270332**	1

Features: code 270332 consisting of 2 contacts.

CAM - FIRE



CAM-FIRE

Fire resistant rotary switches in aluminium alloy

Body material	**Aluminium alloy**
Colour	**RAL 3020 Traffic red (cover) RAL 7035 Light grey (base)**
Protection rating	**IP66/IP67 (16A - 63A) IP55 (125A - 200A)**
Impact resistance	**IK10**
Insulation class	**I**
Ambient operating temperature	**-25°C - +70°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A - 25A - 40A - 63A 125A - 160A - 200A**
Operating voltage	**max. 500V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**

CE

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

IEC/EN 60947-3
EN 12101-3

Rated operating current:			**16A**	**25A**	**40A**	**63A**	**125A**	**160A**	**200A**
Thermal current Ith		**A**	**16**	**25**	**40**	**63**	**125**	**160**	**200**
AC-21A	415V	A	16	25	40	63	125	160	200
	500V								
AC-22A	415V	A	16	25	40	63	125	160	200
	500V								
AC-23A	230V	A	16	25	40	63	100	160	200
	400V								
	500V								
AC-23A	230V	kW	5.1	8.0	12.7	20.1	31,8	51.0	63.7
	400V		8.9	13.9	22.2	34.9	55,4	88.7	110.9
	500V		11.1	17.3	27.7	43.6	69,2	110.9	138.6
AC-3	230V	kW	4.5	6.4	11.2	17.5	25,5	25.5	31.9
	400V		7.8	11.1	19.4	30.5	44,3	44.3	55.4
	500V		9.7	13.9	24.2	38.1	55,4	55.4	51,9

Wiring data:		**16A**	**25A**	**40A**	**63A**	**125A**	**160A**	**200A**
Entry cable cross-section	mm^2	1-4	1.5-6	4-10	6-16	16-70	16-70	16-70
Tightening torque	Nm	1.5		2		3	6	6



Wall-mounted isolator switches and fire resistant
50/60Hz IP66/IP67 400 °C 120'

Rated current (A)	**Poles**	**CAM scheme**	**Enclosure dimensions (mm)**	**Window type**	**Palazzoli code**	**Pack Qty**
16	3	2	92x125	blind walls / blind walls	**152130**	1
	4	3			**152140**	1
	6	3.1			**152160**	1
25	3	2	125x185	blind walls / blind walls	**152230**	1
	4	3			**152240**	1
	6	3.1			**152260**	1
40	3	2	185x252	blind walls / blind walls	**152330**	1
	4	3			**152340**	1
	6	3.1			**152360**	1
63	3	2			**152430**	1
	4	3			**152440**	1
	6	3.1			**152460**	1
125	3	2			**152530***	1
	4	3			**152540***	1
160	3	2	220x315	F3 / F3	**152631***	1
	4	3			**152641***	1
200	3	2			**152630***	1
	4	3			**152640***	1

Equipment included: earth terminal, inside and outside the box. Gasket.
Features: padlockable handle.
*The protection rating is IP55. Wall-mounted isolator switches with windowed walls.

Technical accessories:


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CAM

Multiway cam switches for base mounting



Body material	**Palazzoli Thermosetting GRP**
Protection rating	**IP65 (handle)** **IP00 (terminals)**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Ambient operating temperature	**-25°C - +60°C**
Ambient storage temperature	**-40°C - +80°C**
Rated current	**16A - 25A - 40A - 63A - 100A** **200A - 400A - 600A - 800A - 1200A**
Operating voltage	**50V - 500V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**

CE

DIRECTIVES

2014/35/EU (LVD)

PRODUCT STANDARDS

IEC/EN 60947-1
IEC/EN 60947-3

Rated operating current:			**16A**	**25A**	**40A**	**63A**	**100A**	**200A**
Thermal current Ith		A	16	25	40	63	100	200
AC-21A	415V	A	16	25	40	63	100	200
	500V							
AC-22A	415V	A	16	25	40	63	100	200
	500V							
AC-23A	230V	A	16	25	40	63	100	200
	400V							
	500V							
AC-23A	230V	kW	5.1	8.0	12.7	20.1	31.9	63.7
	400V		8.9	13.9	22.2	34.9	55.4	110.9
	500V		11.1	17.3	27.7	43.6	69.3	138.6
AC-3	230V	kW	4.5	6.4	11.2	17.5	-	31.9
	400V		7.8	11.1	19.4	30.5	-	55.4
	500V		9.7	13.9	24.2	38.1	-	69.3

Wiring data:		**16A**	**25A**	**40A**	**63A**	**100A**	**200A**
Entry cable cross-section	mm^2	1-4	1.5-6	4-10	6-16	10-35	16-95
Tightening torque	Nm	1.5		2		3	6

CAM

Multiway cam switches for base mounting



Isolator switches
with black anodised aluminium
front plate for distribution boards
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	1	0	52	64x64	**276600**	1
	2	1	52	64x64	**276601**	5
	3	2	67	64x64	**276602**	5
	4	3	67	64x64	**276603**	5
25	2	1	52	64x64	**276701**	1
	3	2	68	64x64	**276702**	5
	4	3	68	64x64	**276703**	5
40	2	1	74	94x94	**276801**	1
	3	2	92	94x94	**276802**	1
	4	3	92	94x94	**276803**	1
63	3	2	108	94x94	**286902**	1
	4	3	108	94x94	**286903**	5
100	4	3	133	134x134	**276503**	1
200	4	3	145	134x134	**286603**	1

Technical accessories:


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Selector switches
with black anodised aluminium
front plate for distribution boards
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	1	4	52	64x64	**276604**	1
	2	5	67	64x64	**276605**	1
	3	6	83	64x64	**276606**	5
	4	7	98	64x64	**276607**	1
25	2	5	68	64x64	**276705**	1
	3	6	84	64x64	**276706**	1
	4	7	100	64x64	**276707**	1
40	2	5	92	94x94	**276805**	1
	3	6	110	94x94	**276806**	1
	4	7	128	94x94	**276807**	1
63	3	6	134	94x94	**286906**	1
	4	7	159	94x94	**286907**	1
100	4	7	197	134x134	**276507**	1
200	4	7	221	134x134	**286607**	1

Technical accessories:


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Isolator switches
with black anodised aluminium
front plate for distribution boards
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
400	4	3	221	134x134	**286703**	1
600	3	2	259	134x134	**286732**	1
800	3	2	297	134x134	**286762**	1
1200	3	2	411	134x134	**286782**	1

CAM

Multiway cam switches for base mounting



Two-way switches
with black anodised aluminium
front plate for distribution boards
IP65

Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	1	8	52	64x64	**276608**	1
	2	9	67	64x64	**276609**	1
	3	10	83	64x64	**276610**	1
	4	11	98	64x64	**276611**	1

Uses: they can be fixed onto the hatch or in blind compartments (e.g. empty steel pillars).

Technical accessories:


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Reversing switches
with black anodised aluminium
front plate for distribution boards
IP65

Rated current (A)	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	12	83	64x64	**276612**	5
25	12	84	64x64	**276712**	5
40	12	110	99x99	**276812**	1
63	12	134	99x99	**286912**	1

Technical accessories:


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Star-delta starters
with black anodised aluminium
front plate for distribution boards
IP65

Rated current (A)	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	13	98	64x64	**276613**	1
25	13	100	64x64	**276713**	1
40	13	128	99x99	**276813**	1
63	13	159	99x99	**286913**	1
100	13	197	134x134	**276513**	1

Technical accessories:


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CAM

Multiway cam switches for base mounting



Transparent protection covers
for distribution boards
IP54

For devices with depth (mm)	Palazzoli code	Pack Qty
52/67/68	**276910**	1
74/82/92	**276930**	1
79/83/84/95/96/98/100	**276911**	1
108/110/128/134	**276931**	1
114/116/130/132	**276912**	1
145/148/160/164	**276913**	1
159	**276932**	1

Uses: they have passages with stepped gland in non-ageing elastomer.They ensure IP54 rear protection.

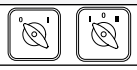


Flush-mounted black handles
with aluminium front plate
and transparent protection
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	**292116**	1
	40-63	99x99	**292316**	1
	16-25	67x67	**292136**	1
	40-63	99x99	**292336**	1
	16	67x67	**292146**	1
	16-25	67x67	**292156**	1
	40-63	99x99	**292356**	1

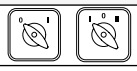


Grey padlockable handles
with blue technopolymer flange
for distribution board or flush mounting
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	**292125**	10
	40-63	99x99	**292325**	1



Red padlockable handles
with yellow flange
in technopolymer material
for distribution board or flush mounting
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	**292105**	10
	40-63	99x99	**292305**	1

CAM

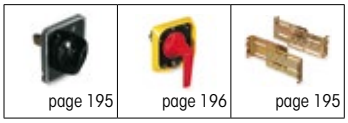
Multiway cam switches for base mounting



Isolator switches
with door lock and protection cap
for base mounting

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
16	3	2	96	**275112**	10
	4	3	96	**275113**	10
25	3	2	97	**275212**	10
	4	3	97	**275213**	10
40	3	2	123	**275312**	5
	4	3	123	**275313**	5
63	3	2	140	**285412**	5
	4	3	140	**285413**	5

Technical accessories:

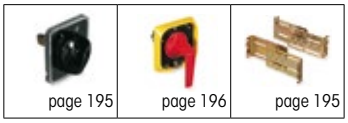




Selector switches
with door lock and protection cap
for base mounting

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
16	3	6	112	**275116**	1
	4	7	128	**275117**	1
25	3	6	113	**275216**	1
	4	7	129	**275217**	1
40	3	6	141	**275316**	1
	4	7	159	**275317**	1
63	3	6	166	**285416**	1
	4	7	191	**285417**	1

Technical accessories:





Isolator switches
with door lock and protection cap
for base mounting

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
100	3	2	183	**270512**	1
	4	3	183	**270513**	1
200	3	2	195	**280612**	1
	4	3	195	**280613**	1
400	3	2	233	**280712***	1
	4	3	271	**280713***	1

Features: *isolator switch only.

Technical accessories:





Selector switches
with door lock and protection cap
for base mounting

Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
100	4	7	247	**270517**	1
200	4	7	271	**280617**	1

Technical accessories:



CAM

Multiway cam switches for base mounting



Adjustable spacer support kit
in steel for base-mounting devices

Min length (mm)	Max. length (mm)	Palazzoli code	Pack Qty
97	168	**270900**	10

Features: suitable for 16A to 63A devices. It consists of 4 equal squares in galvanised steel with self-threading screws and washers.
Uses: it is used for fixing devices in the right position and height for correct coupling with the handle applied to the hatch.



Black handles
with door lock and anodised aluminium front plate
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	100	134x134	**270528**	1
	200	134x134	**270628**	2
	100	134x134	**270538**	1
	200	134x134	**270638**	1



Black handles
with door lock and anodised aluminium front plate and polycarbonate protection
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	**295117**	1
	40-63	99x99	**295157**	5
	16-25	67x67	**295137**	1
	40-63	99x99	**295177**	1



Black handwheel
with door lock and anodised aluminium front plate
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	400	134x134	**270728**	1

CAM

Multi-diagram cam switches



Grey padlockable handles
with door lock in technopolymer
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	**295127**	1
	40-63	99x99	**295167**	1

Features: padlockable in all positions.



Red padlockable handles
with door lock in technopolymer
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	**295107**	10
	40-63	99x99	**295147**	5

Features: padlockable in all positions.



Grey padlockable handles
with anodised aluminium front plate
with door lock
IP65

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	83x83	**295108**	10
	16-25	83x83	**295118**	1

Features: padlockable in all positions.



Red padlockable handles
with anodised aluminium front plate
with door lock
IP65

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	83x83	**295128**	10
	16-25	83x83	**295138**	1

Features: padlockable in all positions.



Grey padlockable handles
with anodised aluminium front plate
with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	40-63	105x105	**295308**	5
	100-200	105x105	**292508**	1
	400	72x83	**292708***	1
	40-63	105x105	**295318**	1
	100-200	105x105	**292518**	1

Features: padlockable in all positions.
* IP65 rating



Red padlockable handles
with anodised aluminium front plate
with door lock
IP66/IP67

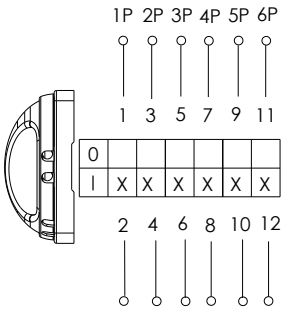
Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	40-63	105x105	**295328**	5
	100-200	105x105	**292528**	2
	400	72x83	**292728***	1
	40-63	105x105	**295338**	1
	100-200	105x105	**292538**	1

Features: padlockable in all positions.
* IP65 rating

Dimensions on page 488 *Technical data on page 190*

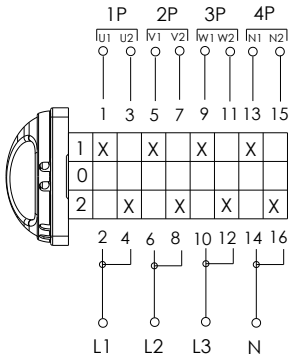
TYPICAL CONTACT SCHEMES FOR CONTROL DEVICES

CAM 0 - 3, 43, 44, 3.1



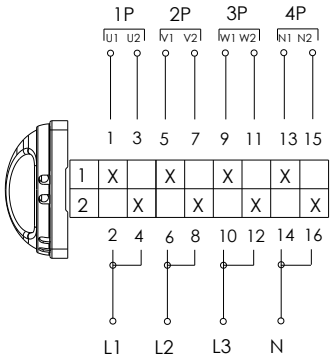


CAM 4 - 7



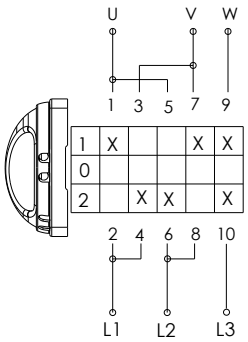


CAM 8 - 11



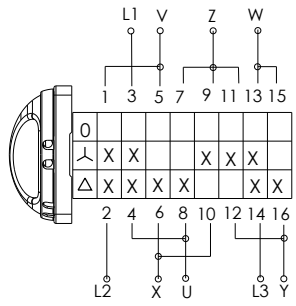


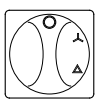
CAM 12



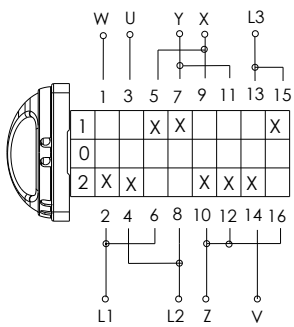


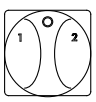
CAM 13



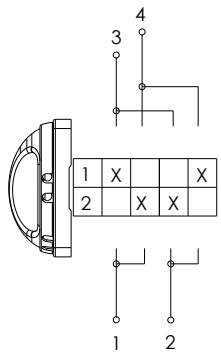


CAM 15



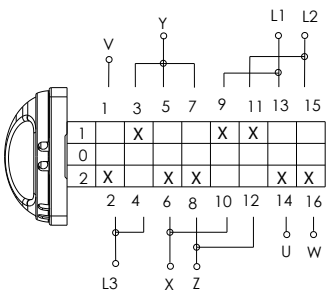


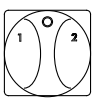
CAM 38





CAM 66





X = CLOSED CONTACT

TAIS MIGNON



TAIS MIGNON

Small devices in thermosetting GRP

ADVANTAGES



1

All the products of the TAIS MIGNON series are made of Palazzoli Thermosetting GRP and resist to high temperature and attacks of chemical agents.

Thanks to the IP67 protection rating the control devices from TAIS MIGNON series can be used in areas subject to presence of liquids and humidity.



2



3

All devices can easily be combined one another and allow for the creation of small series of distribution boards.
The boxes are designed to accommodate all the inserts of the DOMOTER series.

The TAIS MIGNON products have the most compact dimensions on the market and thanks to the different versions they can be either flush or wall mounted.



4

TAIS MIGNON

Small devices in thermosetting GRP

Body material	**Palazzoli Thermosetting GRP**
Colour	**RAL 5015 Sky blue (cover) RAL 7035 Light grey (base)**
Protection rating	**IP44 - IP65 - IP67**
Impact resistance	**IK04**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-25°C - +70°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A**
Operating voltage	**250V - 400V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60669-1
IEC 23-50
IEC/EN 60309-1
IEC/EN 60309-2

Cable gland features:		M16	M20	M25
Entry cable diameter	mm	10-12	5-13	8-19
Entry cable cross-section	mm²	min. 1.5 - max. 4		



technopolymer cable gland

Wall-mounted switches IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	62x80x48	16A 250V~ 10A 400V~	**202271**	10
1P	M16 M16	62x80x48	16A 250V~ 10A 400V~	**202261**	1
2P	M16 M16	62x80x48	16A 250V~ 10A 400V~	**202262**	10
2P	M20 M20	62x80x48	16A 250V~ 10A 400V~	**202282**	10
3P	M20 M20	62x80x48	16A 400V~	**202283**	10

Equipment included: as many cable glands as the number of entries.
Features: code 202271 can be used with two opposite entries. Code 202283 with double breaking contacts.



technopolymer cable gland

Wall-mounted two-way switches IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	62x80x48	16A 250V~ 10A 400V~	**202276**	10
1P	M16 M16	62x80x48	16A 250V~ 10A 400V~	**202266**	1

Equipment included: as many cable glands as the number of entries.
Features: code 202276 can also be used with two opposing entries.



technopolymer cable gland

Wall-mounted selector switches IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	62x80x48	16A 250V~ 10A 400V~	**202275**	1
1P	M16 M16	62x80x48	16A 250V~ 10A 400V~	**202265**	1

Equipment included: as many cable glands as the number of entries.
Features: code 202275 can be used with two opposite entries. By removing the rear bond, the device becomes a double single-pole switch.

Dimensions on page 489 *Spare parts on page 432*

TAIS MIGNON

Small devices in thermosetting GRP



technopolymer cable gland

Wall-mounted push-buttons IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1 NO	M20	62x80x51	10A 400V~	**261435**	10
1 NO	M16 M16	62x80x51	10A 400V~	**261403**	1
1 NC	M20	62x80x51	10A 400V~	**261445**	1
1 NC	M16 M16	62x80x51	10A 400V~	**261413**	1

Equipment included: as many cable glands as the number of entries.
Features: code 261435 and 261445 can be used with two opposite entries.



technopolymer cable gland

Wall-mounted start-stop push button panel IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1 NO+1 NC	M20	62x80x51	10A 400V~	**261432**	1

Equipment included: as many cable glands as the number of entries.
Features: it can be used with two opposite entries.



technopolymer cable gland

Wall-mounted open-close push button panel IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1 NO+1 NC	M20	62x80x51	10A 400V~	**261433**	1

Equipment included: as many cable glands as the number of entries.
Features: it can be used with two opposite entries.



technopolymer cable gland

Wall-mounted Schuko domestic socket IP44

Description	Entry type	Enclosure dimensions (mm)	Palazzoli code	Pack Qty
2P+⏚ 10/16A UNEL, Schuko type (with side earth) size 19mm	M20	62x80x65	**431237**	10

Equipment included: as many cable glands as the number of entries.
Features: it can be used with two opposite entries.



technopolymer cable gland

Wall-mounted box for domoTER domestic sockets IP44

Entry type	Enclosure dimensions (mm)	Installable device modules	Palazzoli code	Pack Qty
M20	62x80x62	2	**559232**	1

Equipment included: as many cable glands as the number of entries.
Features: it can be used with two opposite entries.



Wall-mounted box for domoTER domestic sockets with watertight cap for plugged-in plug IP55

Entry type	Enclosure dimensions (mm)	Installable device modules	Palazzoli code	Pack Qty
M20 M20	62x80x94	2	**559234**	1

Equipment included: cable gland in technopolymer type M20.
Features: can also be used with two opposing entries by replacing the M20 end cap, pre-mounted on the bottom side of the box, with an M20 cable gland.

Technical accessories:



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TAIS MIGNON

Small devices in thermosetting GRP



technopolymer cable gland

Wall-mounted boxes for Ticino Magic devices IP44

Entry type	Enclosure dimensions (mm)	Installable device modules	Palazzoli code	Pack Qty
M20 M20	62x80x62	1	**559021**	8
M16 M16	62x80x62	1	**559031**	8
M20 M20	62x80x62	1+1	**559022**	1
M16 M16	62x80x62	1+1	**559032**	1

Equipment included: as many cable glands as the number of entries.



technopolymer cable gland

Wall-mounted signalling lamps with E14 lamp holder IP65

Rated operating voltage (V)	Entry type	Enclosure dimensions (mm)	Diffuser colour	Palazzoli code	Pack Qty
250	M20	62x80x78	Red	**800061**	6
250	M20	62x80x78	Green	**800062**	6
250	M20	62x80x78	Transparent	**800063**	6
250	M20	62x80x78	Yellow	**800064**	6

Equipment included: as many cable glands as the number of entries.
Features: it can be used with two opposite entries.
Polycarbonate diffuser.
14 lamp holder for 3C, max. 12W lamp. Lamp not included.



technopolymer cable gland

Wall-mounted industrial socket-outlets 50/60Hz IP44

Rated current (A)	Entry type	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	M20	110	yellow	2P+⏚	4	**471204**	10
	M20	110	yellow	3P+⏚	4	**471284**	1
	M25	110	yellow	3P+N+⏚	4	**471294**	1
	M20	230	blue	2P+⏚	6	**471304**	10
	M20	230	blue	3P+⏚	9	**471314**	1
	M25	230	blue	3P+N+⏚	9	**471324**	1
	M20	400	red	2P+⏚	9	**471404**	1
	M20	400	red	3P+⏚	6	**471414**	1
	M25	400	red	3P+N+⏚	6	**471424**	1

Equipment included: as many cable glands as the number of entries.
Features: pillar terminals for connecting cables.

Technical accessories:



page 60



technopolymer cable gland

Wall-mounted industrial socket-outlets for extra-low voltage 50/60Hz IP44

Rated current (A)	Entry type	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	M20	24	violet	2P	-	**471004**	1
	M20	24	violet	3P	-	**471094**	1
	M20	42	black	2P	12	**471104**	1
	M20	42	black	3P	12	**471114**	1

Equipment included: as many cable glands as the number of entries.
Features: pillar terminals for connecting cables.

Technical accessories:



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TAIS MIGNON

Small devices in thermosetting GRP



Wall-mounted fuse holder IP65

technopolymer cable gland

Enclosure dimensions (mm)	Entry type	Rated current (A)	Rated voltage (V)	Poles	Fuse type	Palazzoli code	Pack Qty
62x80x46	M20 / M20	10	230	2P	ø8.5x23	**302044**	1
62x80x46	M20 / M20	10	230	3P	ø8.5x23	**302054**	1
62x102x46	M20 / M20	16	400	2P	ø8.5x32	**302144**	1
62x102x46	M20 / M20	16	400	3P	ø8.5x32	**302154**	1

Equipment included: as many cable glands as the number of entries.
Extractors for fuses.
Features: fuses not included.



Cylindrical fuses type "gL"

Dimensions (mm)	Rated current (A)	Rated voltage (V)	Palazzoli code	Pack Qty
ø 8.5x23	2	230	**302091**	10
ø 8.5x23	4	230	**302092**	10
ø 8.5x23	6	230	**302093**	10
ø 8.5x23	10	230	**302095**	10
ø 8.5x32	4	400	**302192**	10
ø 8.5x32	6	400	**302193**	30
ø 8.5x32	10	400	**302195**	30
ø 8.5x32	16	400	**302197**	30



Wall-mounted junction boxes IP65

technopolymer cable gland

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
62x80x38	M20 / M20	**101021**	12
62x80x38	M20 / M20 / M20	**101031**	10
62x80x38	M20 / M20 / M20 / M20	**101041**	12
62x80x38	M20 / M20 M20 / M20 M20 / M20	**101061**	12
77x102x48	M20 / M20 M20 / M20 M20 / M20	**101151**	10
77x102x48	M25 / M25 M25 / M25 M25 / M25	**101161**	1

Equipment included: as many cable glands as the number of entries.
Features: screws in stainless steel for fixing covers.



Wall-mounted junction boxes with increased internal capacity IP65

technopolymer cable gland

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
62x80x46	M20 / M20	**101022**	10
77x102x55	M25 / M25	**101121**	8

Equipment included: as many cable glands as the number of entries.
Features: screws in stainless steel for fixing covers.

Technical accessories:



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TAIS MIGNON

Small devices in thermosetting GRP



technopolymer cable gland

Wall-mounted junction boxes with cage terminals IP65

Outer dimensions (mm)	Entry type	No. of poles per section	Palazzoli code	Pack Qty
62x80x38	M20 / M20	4x6 mm²	**101025**	12
62x80x38	M20 / M20 / M20	4x6 mm²	**101035**	10
62x80x38	M20 / M20 / M20 / M20	4x6 mm²	**101045**	12
77x102x48	M20 / M20 M20 / M20 M20 / M20	5x6 mm²	**101156**	10
77x102x48	M25 / M25 M25 / M25 M25 / M25	5x6 mm²	**101157**	10

Equipment included: 6 mm² cage terminals A number of cable glands equal to the number of entries.
Features: stainless steel screws for fixing covers.



technopolymer cable gland

Wall-mounted modular box IP65

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
125x77x55	M25 / M25	**101081**	12

Equipment included: as many cable glands as the number of entries.
Features: screws in stainless steel for fixing covers. The modular dimensions allow combinations with watertight wall-mounted modular boxes and all the TAIS MIGNON wall-mounted devices.



Coupling fittings with metric threading for TAIS MIGNON boxes IP67

Mounting hole type	Internal hole ø (mm)	Palazzoli code	Pack Qty
M20	16	**590020**	5
M25	20	**590025**	1

Equipment included: complete with gasket.



Terminal block with screw connection for TAIS MIGNON boxes

Rated voltage (V)	No. of poles per section	Palazzoli code	Pack Qty
400	4x6 mm²	**101096**	20

Features: they can be inserted inside TAIS MIGNON boxes with dimensions 77x102mm and 77x125mm with screws.



Terminal block with quick fit system for TAIS MIGNON boxes

Rated voltage (V)	No. of poles per section	Palazzoli code	Pack Qty
400	4x6 mm²	**101095**	10

Features: they can be inserted inside TAIS MIGNON boxes with dimensions 77x102mm and 77x125mm with screws.

Technical accessories:



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TAIS MIGNON

Small devices in thermosetting GRP



Flush-mounted switches IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1P	16A 250V~ 10A 400V~	62x80	**202291**	1
2P	16A 250V~ 10A 400V~	62x80	**202292**	1
3P	16A 400V~	62x80	**202293**	1

Equipment included: with through holes for cable entry and accessories for panel fixing.
Features: code 202293 with double break contacts.



Flush-mounted two-way switches IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1P	16A 250V~ 10A 400V~	62x80	**202296**	1

Equipment included: with through holes for cable entry and accessories for panel fixing.



Flush-mounted selector switches IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1P	16A 250V~ 10A 400V~	62x80	**202295**	1

Equipment included: with through holes for cable entry and accessories for panel fixing.
Features: By removing the rear jumper, the device becomes a double single-pole switch.



Flush-mounted push-buttons IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1 NO	10A 400V~	62x80	**261495**	1
1 NC	10A 400V~	62x80	**261496**	1

Equipment included: with through holes for cable entry and accessories for panel fixing.



Flush-mounted open-close push button panel IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1 NO+1 NC	10A 400V~	62x80	**261493**	1

Equipment included: with through holes for cable entry and accessories for panel fixing.

TAIS MIGNON

Small devices in thermosetting GRP



Flush-mounted signalling lamps
with E14 lamp holder
IP65

Rated voltage (V)	Diffuser colour	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
250	red	62x80	**800071**	1
250	green	62x80	**800072**	1
250	Transparent	62x80	**800073**	1
250	yellow	62x80	**800074**	1

Features: polycarbonate diffuser. E14 lamp holder for 3C lamps, 12W max.
Lamp not included. With through holes for cable entry.



Flush-mounted pulling box
IP65

Outer dimensions (mm)	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
73x91	62x80	**202299**	1

Equipment included: complete with accessories for panel fixing.
Features: with through holes for cable entry.



Flush-mounted boxes
for Ticino Magic devices
IP44

Frame dimensions (mm)	Flush-mount dimensions (mm)	Installable modules	Palazzoli code	Pack Qty
62x80	50x50	1	**559011**	1
62x80	50x50	1+1	**559012**	1

Equipment included: stainless steel captive fixing screws.

Technical accessories:


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Flush-mounted Schuko domestic
socket
IP44

Flush-mount dimensions (mm)	Description	Palazzoli code	Pack Qty
50x50	2P+⏚ 10/16A UNEL , pitch 19mm Schuko type (with side earth)	**431252**	10

Equipment included: stainless steel captive fixing screws.



Flush-mounted box
for domoTER domestic sockets
with watertight cap
for plugged-in plug
IP55

Frame dimensions (mm)	Flush-mount dimensions (mm)	Installable modules	Palazzoli code	Pack Qty
62x80	50x50	2	**559132**	15

Equipment included: stainless steel captive fixing screws.



Flush-mounted frame
for domoTER domestic sockets
with watertight cap
for plugged-in plug
IP55

Frame dimensions (mm)	Flush-mount dimensions (mm)	Installable modules	Palazzoli code	Pack Qty
62x80	50x50	2	**559134**	1

Equipment included: stainless steel captive fixing screws.

Technical accessories:


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TAIS MIGNON

Small devices in thermosetting GRP



Flush-mounted
industrial socket-outlets
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**471254**	10
	110	yellow	3P+⏚	4	**471214**	1
	110	yellow	3P+N+⏚	4	**471224**	1
	230	blue	2P+⏚	6	**471354**	1
	230	blue	3P+⏚	9	**471364**	1
	230	blue	3P+N+⏚	9	**471334**	1
	400	red	2P+⏚	9	**471454**	1
	400	red	3P+⏚	6	**471464**	1
	400	red	3P+N+⏚	6	**471434**	1

Equipment included: stainless steel fixing captive screws.
Features: the versions 2P+⏚ can be panel mounted with bottom box code 101221.The versions 2P+⏚ and 3P+⏚ can be wall mounted by using the box code 101092.The versions 3P+N+⏚ can be wall mounted by using the box code 101191.

Technical accessories:



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Flush-mounted
industrial socket-outlets
for extra-low voltage
50/60Hz IP44

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	24	violet	2P	-	**471054**	1
	24	violet	3P	-	**471064**	1
	42	white	2P	12	**471154**	1
	42	white	3P	12	**471164**	1
32	24	violet	2P	-	**471056**	1
	24	violet	3P	-	**471066**	1
	42	white	2P	12	**471156**	1
	42	white	3P	12	**471166**	1

Equipment included: stainless steel captive fixing screws.
Features: it can be panel mounted with bottom box code 101221.
It can be wall mounted with box code 101092.

Technical accessories:



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Bottom box
for the installation of flush-mounted
TAIS MIGNON sockets

Flush-mount dimensions (mm)	Frame dimensions (mm)	Palazzoli code	Pack Qty
62x80	73x91x5,5	**101221**	10



Bottom box
for wall mounting of TAIS MIGNON
flush-mounted socket-outlets

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
62x80x36	M20	**101092**	10
77x102x42	M25	**101191**	1

Equipment included: cable glands.

RONDÒ

Small devices in aluminium alloy

Body material	**Aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Colour	**RAL 5012 Light blue (cover) RAL 7035 Light grey (base)**
Protection rating	**IP54 - IP55**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C3-H / C4-H**
Insulation class	**I**
Ambient operating temperature	**-25°C - +70°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A**
Operating voltage	**250V - 400V**
Operating frequency	**50/60Hz**



technopolymer cable gland

Wall-mounted switches IP55

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	16A 250V~ 10A 400V~	**201151**	1
2P	M20	16A 250V~ 10A 400V~	**201152**	1
2P	M20 M20	16A 250V~ 10A 400V~	**201162**	1

Equipment included: earth screws inside and outside the box.
A number of cable glands equal to the number of entries.



technopolymer cable gland

Wall-mounted two-way switches IP55

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	16A 250V~ 10A 400V~	**201156**	1
1P	M20 M20	16A 250V~ 10A 400V~	**201166**	1

Equipment included: earth screws inside and outside the box.
A number of cable glands equal to the number of entries.



technopolymer cable gland

Wall-mounted selector switches IP55

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	16A 250V~ 10A 400V~	**201155**	1

Equipment included: earth screws inside and outside the box.
A number of cable glands equal to the number of entries.
Features: by removing the rear bond, the device becomes a double single-pole switch.

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60669-1
IEC/EN 63000

Cable gland features:		M20	M25
Entry cable diameter	mm	5-13	8-19

Dimensions on page 492 *Spare parts on page 432*

RONDÒ

Small devices in aluminium alloy



Wall-mounted push-buttons IP55

Description	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P NO	M20	10A 400V~	**261021**	1

Equipment included: earth screws inside and outside the box.
A number of cable glands equal to the number of entries.



Wall-mounted concentric socket-outlets IP54

Rated current (A)	Entry type	Rated voltage	Poles	Palazzoli code	Pack Qty
6	M20	25V~50Vcc	2P	**401030**	1
10	M20	25V~50Vcc	2P	**401031**	1

Equipment included: internal and external earth screws. A number of cable glands equal to the number of entries.



Concentric mobile plugs IP20

Rated current (A)	Rated operating voltage	Poles	Palazzoli code	Pack Qty
6	25V~ 50Vcc	2P	**407030**	1
10	25V~ 50Vcc	2P	**407031**	1

Features: IP54 with sleeve code 590021. Smooth hole passage.



Cable protection sleeve in non-ageing elastomer for concentric mobile plugs

Manufacturing material	Colour	Palazzoli code	Pack Qty
non-ageing elastomer	black	**590021**	1

Uses: it enables to increase the IP54 protection rating of plugs with code 407030, 407031 and the IP44 protection rating of the plugs with code 437152.



Wall-mounted signalling lamps with E14 lamp holder IP54

Rated voltage (V)	Entry type	Diffuser colour	Lamp max. power (W)	Palazzoli code	Pack Qty
250	M20	red	12	**800121**	1
250	M20	green	12	**800122**	1
250	M20	Transparent	12	**800123**	1

Equipment included: internal and external earth screw. A number of cable glands equal to the number of entries.
Features: E14 lamp holder for 3C lamps. Lamp not included



Wall-mounted junction boxes IP54

Inner diameter (mm)	Entry type	Palazzoli code	Pack Qty
Ø 62	M20 / M20	**112020**	1
Ø 62	M20 / M20 / M20	**112030**	10
Ø 62	M20 / M20 / M20 / M20	**112040**	1
Ø 82	M25 / M25	**113020**	1
Ø 82	M25 / M25 / M25	**113030**	10
Ø 82	M25 / M25 / M25 / M25	**113040**	1

Equipment included: earth screws inside and outside the box.
A number of cable glands equal to the number of entries.



Terminal blocks with cage terminals for junction boxes 400V

For boxes with dimensions (mm)	No. of poles per section	Palazzoli code	Pack Qty
Ø 62	4x6 mm²	**112094**	30
Ø 82	4x10 mm²	**113094**	20

ALARM

Sirens and bells in aluminium alloy

Body material	**Aluminium alloy (body) Painted galvanised steel (drum)**
Surface treatment	**Fluorozirconate passivation**
Colour	**RAL 5012 Light blue (drum) RAL 7035 Light grey (body)**
Protection rating	**IP66**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C4-M / C3-H**
Insulation class	**I**
Ambient operating temperature	**-40°C - +40°C**
Ambient storage temperature	**-50°C - +80°C**
Operating voltage	**24-110-230V~**
Operating frequency	**50/60Hz**
Operation	**Continuous**
Entry cable diameter	**5 - 13 mm**

CE

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 62080
IEC/EN 63000



M20 cable gland technopolymer

Bells with steel drum 50/60Hz IP66

Rated voltage (V)	Drum diameter (mm)	Sound level at 1 m (dB)	Power (VA)	Palazzoli code	Pack Qty
24	105	101	13 VA initial 11 VA vibrating	**900253**	1
110	105	101	13 VA initial 11 VA vibrating	**900263**	1
230	105	101	13 VA initial 11 VA vibrating	**900273**	1

Equipment included: terminal block in thermosetting GRP insulating material and cable gland.
Features: drum in galvanised and painted steel. They are suitable for continuous or extended operation. Earth screws inside and outside the box.



M20 cable gland technopolymer

Vibrating membrane sirens 50/60Hz IP66

Rated voltage (V)	Sound level at 1 m (dB)	Power (VA)	Palazzoli code	Pack Qty
24	107/105	60 VA initial 25 VA vibrating	**900453**	1
110	107/105	60 VA initial 25 VA vibrating	**900463**	1
230	107/105	60 VA initial 25 VA vibrating	**900473**	1

Equipment included: terminal block in thermosetting GRP insulating material and cable gland.
Features: prolonged operation with 1 hour pause every 4 hours.



Directional horn for sirens

Max. diameter (mm)	Siren+horn projection (mm)	Palazzoli code	Pack Qty
112	238	**900448**	1

Equipment included: complete with stainless steel fixing screws.

Dimensions on page 492 *Spare parts on page 432*

Pre-wired distribution boards

STANDARD APPLICATIONS



JANUS

Universal distribution ACS boards
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ENERGYBOX

ACS assemblies for incoming power supply
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ENERGY GO

Mobile ACS distribution boards
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ROTOR

Interlocked extensions
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HEAVY-DUTY APPLICATIONS



ENERGY METALBOX

ACS distribution boards in metal cabinet
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ENERGY TAIS

ACS distribution boards on stainless steel stand
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ACS COMPOSER

Software for the design and cost estimate of distribution boards.

√ Select the distribution board
√ Compose your distribution board
√ Calculate the cost estimate
√ Download the certificates

JANUS



JANUS

Universal distribution ACS boards

ADVANTAGES



1

The transparent lid allows easy and quick access to the circuit protection devices at any location.



2

The JANUS board integrates all of the fixings for wall mounted or floor installations, without the need for accessories.



3

Easy to carry, ergonomic handle for on-site use.



4

The cable clamp groove avoids the possibility that the plug is inadvertently removed from the wall-mounted distribution board.

JANUS

Universal distribution ACS boards

Body material	**Technopolymer**
Colour	**RAL 5015 Sky blue**
Protection rating	**IP65**
Impact resistance	**IK08**
Resistance to abnormal heat and fire	**650°C (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-20°C - +40°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A**
Operating voltage	**230V - 400V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**
RCD protection type	**AC**
Cable length	**2 m**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-4
IEC/EN 63000



Universal distribution boards
foldable with 4 interlocked socket-outlets
with power terminal block
and fuse protection
IP65

Main switch A / kW	Interlocked socket-outlets 16A 2P+⏚	16A 3P+⏚	16A 3P+N+⏚	32A 3P+N+⏚	2P+⏚ P30/P17 10/16A	Palazzoli code	Pack Qty
32/6	4					**644101**	1
32/18	3	1				**644102**	1
32/18	3		1			**644103**	1
32/18	2	2				**644104**	1
32/18	2	1	1			**644105**	1
32/18	2	1		1		**644106***	1
32/6	3				1	**644110**	1

Features: padlockable modular door.
* 32A socket-outlet with direct power supply protected with general MCB.
Notes: if used as a main construction site distribution board, connect the earthing terminal to the earthing node.



Universal distribution boards
foldable with 4 interlocked socket-outlets
with power plug and fuse protection
IP65

Main switch A / kW	Interlocked socket-outlets 16A 2P+⏚	16A 3P+⏚	16A 3P+N+⏚	32A 3P+N+⏚	2P+⏚ P30/P17 10/16A	Palazzoli code	Pack Qty
32/6	4					**644001**	1
32/18	3	1				**644002**	1
32/18	3		1			**644003**	1
32/18	2	2				**644004**	1
32/18	2	1	1			**644005**	1
32/18	2	1		1		**644006***	1
32/6	3				1	**644010**	1

Equipment included: power plug 3P+N+⏚ (18 kW distribution boards), 2P+⏚ (6 kW distribution board).
Features: padlockable modular door.
* 32A socket-outlet with direct power supply protected with general MCB.
Notes: the version with plug cannot be used as the main distribution board for construction sites.

Dimensions on page 493

JANUS

Universal distribution ACS boards



Universal distribution boards
foldable with 4 interlocked socket-outlets
with power terminal block
and MCB protection
IP65

Main switch A / kW	Interlocked socket-outlets					Palazzoli code	Pack Qty
	16A 2P+⏚	16A 3P+⏚	16A 3P+N+⏚	32A 3P+N+⏚	2P+⏚ P30/P17 10/16A		
32/6	4					**634101**	1
32/18	3	1				**634102**	1
32/18	2	2				**634104**	1
32/18	2	1	1			**634105**	1
32/18	2	1		1		**634106**	1
32/6	3				1	**634110**	1

Features: padlockable modular door.
Notes: if used as a main construction site distribution board, connect the earthing terminal to the earthing node.



Universal distribution boards
foldable with 4 interlocked socket-outlets
with power plug and MCB protection
IP65

Main switch A / kW	Interlocked socket-outlets					Palazzoli code	Pack Qty
	16A 2P+⏚	16A 3P+⏚	16A 3P+N+⏚	32A 3P+N+⏚	2P+⏚ P30/P17 10/16A		
32/6	4					**634001**	1
32/18	3	1				**634002**	1
32/18	2	2				**634004**	1
32/18	2	1	1			**634005**	1
32/18	2	1		1		**634006**	1
32/6	3				1	**634010**	1

Equipment included: power plug 3P+N+⏚ (18 kW distribution boards), 2P+⏚ (6 kW distribution board).
Features: padlockable modular door.
Notes: the version with plug cannot be used as the main distribution board for construction sites.



Universal distribution boards
foldable with 8 socket-outlets
with power plug and MCB protection
IP65

Main switch A / kW	Industrial socket-outlets					Palazzoli code	Pack Qty
	16A 2P+⏚	16A 3P+⏚	16A 3P+N+⏚	32A 3P+N+⏚	2P+⏚ P30/P17 10/16A		
32/6	4				4	**638040***	1
32/6	8					**638041**	1
32/18	4	4				**638042**	1

Equipment included: power plug 3P+N+⏚ (18 kW distribution board), 2P+⏚ (6 kW distribution board).
Features: padlockable modular door.
*IP55 protection rating.
Notes: the version with plug cannot be used as the main distribution board for construction sites.



Empty distribution board
to compose wired distribution boards
with up to 4 interlocked socket-outlets
or 8 fixed socket-outlets

Outer dimensions (mm)	Side A	Side B	Palazzoli code	Pack Qty
329x572x325	12 modules	blind	**634100**	1

Features: padlockable modular door. Mushroom push-button not included.

Technical accessories:


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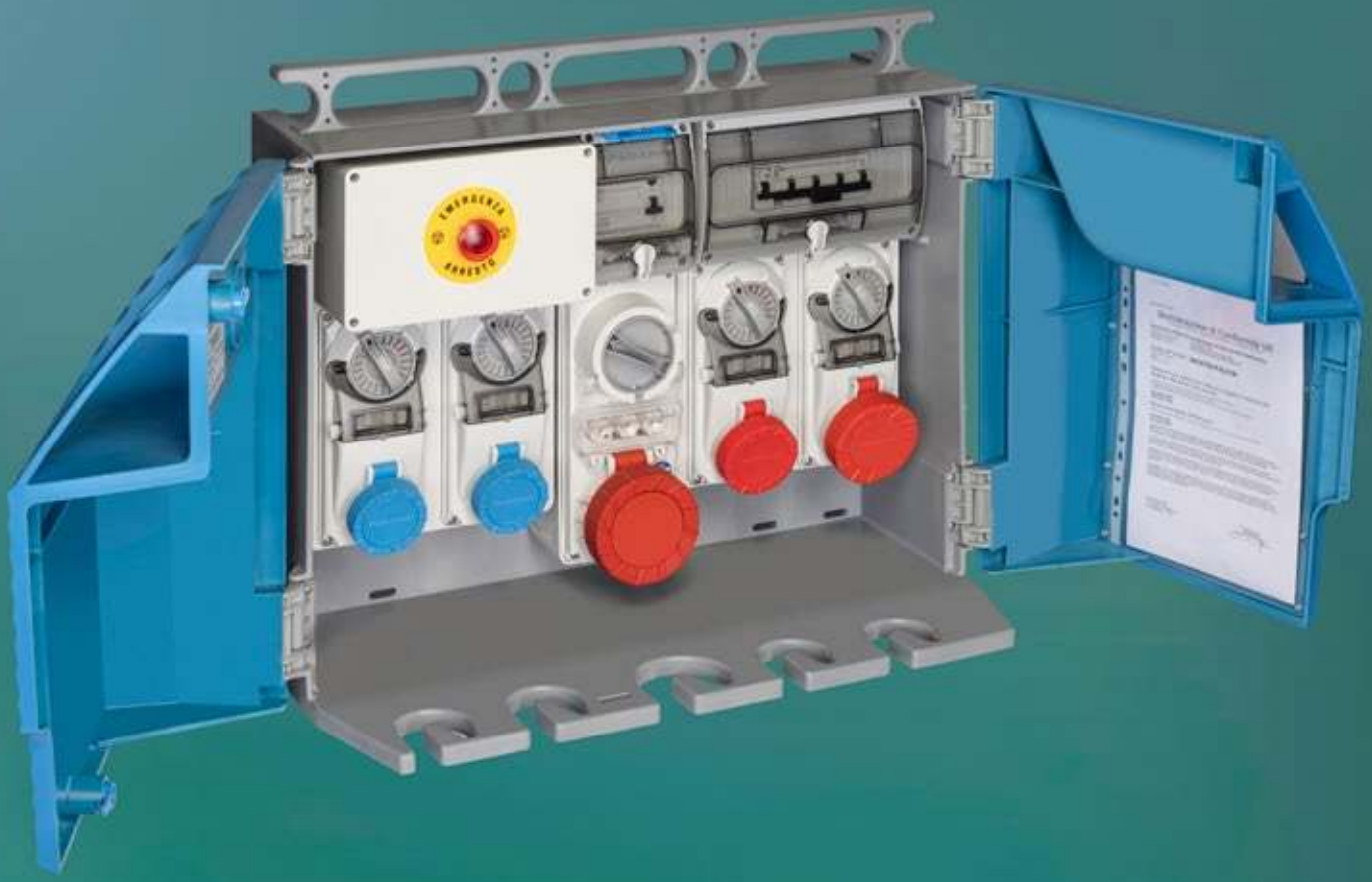

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Stainless steel support
for JANUS distribution boards

Manufacturing material	Palazzoli code	Pack Qty
galvanised and painted steel	**601540**	1

ENERGYBOX



ENERGYBOX

ACS assemblies for incoming power supply

ADVANTAGES



1

The multi-purpose handle can be equipped with floodlights and can be used as a cable winder.



2

The integrated insert withstands the stresses of possible improper use.



3

The cable clamp groove avoids the possibility that the plug is inadvertently removed from the wall-mounted distribution board.



4

The convenient ergonomic handle allows one person to carry the distribution board safely and comfortably. It features five attachment points, to enable selecting the most suitable one, and can also be used with cranes.

ENERGYBOX

ACS assemblies for incoming power supply



Body material	**Technopolymer**
Colour	**RAL 5015**
Protection rating	**IP65**
Impact resistance	**IK10**
Resistance to abnormal heat and fire	**650°C (enclosure)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**32A - 63A - 80A**
Operating voltage	**230V - 400V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**
RCD protection type	**AC**
Cable length	**2 m**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-4
IEC/EN 63000

ENERGYBOX

ACS assemblies for incoming power supply



Assemblies for construction sites (ACS)
with fixed socket-outlets
protected by MCB
entry with terminal block
50/60Hz IP65

Main switch A/kW	Industrial socket-outlets		Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V		
63/20	12		**610012**	1
63/40	6	6	**610606**	1

Equipment included: emergency stop device. 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.
Features: padlockable modular door.

Technical accessories:

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Assemblies for construction sites (ACS)
with interlocked socket-outlets
protected by MCB
entry with terminal block
50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets						2P+⏚ P30/P17 10/16A	Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V			
32/7	4							**614101**	1
32/16	3	1						**614102**	1
32/20	3			1				**614103**	1
32/20	2	2						**614104**	1
32/20	2	1	1					**614105**	1
32/20	2	1		1				**614106**	1
32/20	1	2		1				**614107**	1
63/30	3	1		1				**615101**	1
63/30	3	1			1			**615102**	1
63/30	2	3						**615103**	1
63/30	2	2		1				**615104**	1
63/30	2	2			1			**615105**	1
63/30	2	1		1		1		**615106**	1
63/30	2	1	1		1			**615107**	1
63/30	4	2						**616101**	1
63/30	3	3						**616102**	1
63/30	3	2		1				**616103**	1
63/30	3	2			1			**616104**	1
63/40	2	3		1				**616105**	1
63/40	2	2		2				**616106**	1
63/40	2		2		2			**616107**	1
63/40	2	2		1	1			**616108**	1
63/30	2	3					1	**616109***	1
63/30	2	2			1		1	**616110***	1

Equipment included: emergency stop device. 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.
Features: padlockable modular door.
*IP55 protection rating.

Technical accessories:

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ENERGYBOX

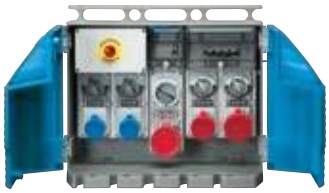
ACS assemblies for incoming power supply



Assemblies for construction sites (ACS)
with interlocked socket-outlets
protected by MCB
entry with plug
50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets						Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V		
32/7	4						**614001**	1
32/16	3	1					**614002**	1
32/20	2	2					**614003**	1
32/20	2	1	1				**614004**	1
32/20	2	1		1			**614005**	1
63/30	3	1		1			**615001**	1
63/30	3	1			1		**615002**	1
63/30	2	2		1			**615003**	1
63/30	2	1		1		1	**615004**	1
63/30	2	1	1		1		**615005**	1
63/30	4	2					**616001**	1
63/30	3	3					**616002**	1
63/30	3	2		1			**616003**	1
63/30	3	2			1		**616004**	1
63/30	3		2		1		**616005**	1
63/40	2	3		1			**616006**	1
63/40	2	2		2			**616007**	1
63/40	2		2		2		**616008**	1
63/40	2	2		1	1		**616009**	1

Equipment included: emergency stop device. 4 brackets for fixing to a 30 mm Ø conduit and 4 plates for wall-mounting.
Power plug 3P+N+⏚.
Features: padlockable modular door.



Assemblies for construction sites (ACS)
with interlocked socket-outlets
protected by fuses
entry with terminal block
50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets								Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 2P+⏚ 230V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V		
32/7	4								**604101**	1
32/16	3	1							**604102**	1
32/20	3			1					**604103**	1
32/20	3				1				**604104**	1
32/20	2	2							**604105**	1
32/20	2	1	1						**604106**	1
32/20	2	1			1				**604107**	1
32/20	1	2			1				**604108**	1
63/30	3	1			1				**605101**	1
63/30	3	1				1			**605102**	1
63/30	2	3							**605103**	1
63/30	2	2			1				**605104**	1
63/30	2	2				1			**605105**	1
63/30	2	1	1			1			**605106**	1
80/45	2	1			1		1		**605107**	1
80/45	2		1			1		1	**605108**	1
63/30	4	2							**606101**	1
63/30	3	3							**606102**	1
63/30	3	2			1				**606103**	1
63/30	3	2				1			**606104**	1
63/40	2	3			1				**606105**	1
63/40	2	2			2				**606106**	1
63/40	2		2			2			**606107**	1
63/40	2	2			1	1			**606108**	1

Equipment included: emergency stop device. 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.
Features: padlockable modular door.

Common technical accessories:

page 222 | page 222

ENERGYBOX

ACS assemblies for incoming power supply

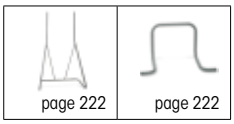


Empty distribution board
to compose
wired distribution boards
with up to 6 socket-outlets

Description	Dimensions (mm)	Palazzoli code	Pack Qty
Empty box	680X605X340	**501530**	1

Equipment included: 4 brackets for fastening to a Ø 30 mm conduit and 4 plates for wall mounting.
Features: the enclosure is designed to accommodate:
- M40 cable gland code 501590;
- enclosure with M40 cable gland and external emergency push-button code 501591;
- industrial plug.

Technical accessories:





Entry kit
for ENERGYBOX distribution boards
with 90° industrial plug
IP65

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	400		3P+N+⏚	6	**501595**	1



Entry kit
for ENERGYBOX distribution boards
with external emergency push-button
cable gland and locknut
IP65

Threading	Fastening diameter (mm)	Palazzoli code	Pack Qty
M40x1.5	18 - 32	**501591**	1



Entry kit
for ENERGYBOX distribution boards
with cable gland
elastomeric gasket and locknut

Threading	Fastening diameter (mm)	Palazzoli code	Pack Qty
M40x1.5	18 - 32	**501590**	1



Cover with emergency push-button
for ACS distribution boards
IP55

For distribution boards EnergyBox type	Palazzoli code	Pack Qty
with 6 interlocked socket-outlets	**501560**	1

Features: complete with warning lamp and 1 NO contact.



Box with emergency push-button
for ACS assemblies
IP55

For distribution boards EnergyBox type	Palazzoli code	Pack Qty
with 4 interlocked socket-outlets	**501565**	1

Features: complete with warning lamp and 1 NO contact.

GUIDE TO THE PREPARATION OF ACS DISTRIBUTION BOARDS



Board for installation of 2 PRIMA socket-outlets from page 92	Board for installation of 2 TopTER socket-outlets from page 80



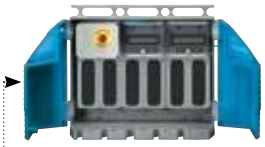
ACS assemblies with 6 socket-outlets, 27 DIN modules (9+9+9)	ACS assemblies with 6 socket-outlets, 18 DIN modules (9+9)	ACS assemblies with 4 socket-outlets, 18 DIN modules (9+9)



3x code **579620** or 3x code **579735**	3x code **579620** or 3x code **579735**	2x code **579620** or 2x code **579735**

ENERGYBOX

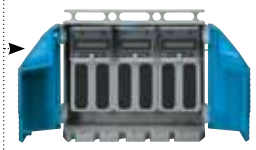
ACS assemblies for incoming power supply



Kit for ACS assemblies
with 6 socket-outlets
internal emergency
6 topTERs, 16A and/or 32A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x605x340	9+9	**601532**	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.



Kit for ACS assemblies
with 6 socket-outlets
external emergency
6 topTERs 16A and/or 32A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x605x340	9+9+9	**601632**	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.

Technical accessories:

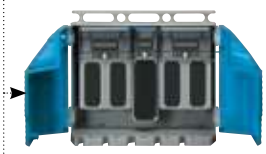
	9M
page 80	page 428



Kit for ACS assemblies
with 5 socket-outlets
internal emergency
4 topTERs, 16A and/or 32A
1 topTER, 63A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x605x340	5+12	**601563**	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.



Kit for ACS assemblies
with 5 socket-outlets
external emergency
4 topTERs, 16A and/or 32A
1 topTER, 63A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x605x340	12+5+12	**601663**	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.

Technical accessories:

		5M,12M
page 80	page 86	page 83



Cable reel for extension leads
complete with screws
for ENERGYBOX distribution boards

Manufacturing material	Palazzoli code	Pack Qty
galvanised and painted steel	**501550**	1

Equipment included: 2 brackets and screws for fixing to a Ø 30 mm pipe.



Tubular floor support
for ENERGYBOX ACS
distribution boards

Manufacturing material	Palazzoli code	Pack Qty
galvanised and painted steel	**501540**	1

Equipment included: 4 brackets for fixing to a Ø 30 mm pipe.

ENERGYBOX

electrifies the Sagrada Familia in Barcelona



ENERGY GO

Mobile ASC distribution boards

Body material	**Technopolymer**
Colour	**RAL 7035 Light grey**
Protection rating	**IP66 according to IEC 60598-1**
Impact resistance	**IK08 according to IEC/EN 62262**
Resistance to abnormal heat and fire	**850°C (socket insert) 650°C (socket body - board)**
Flammability class	**V-2 (insert)**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A**
Operating voltage	**230V - 400V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**
RCD protection type	**AC**
Cable length	**3 m**

CE

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-4
IEC/EN 63000



Portable distribution boards with 3 fixed socket-outlets MCB and RCD protection 50/60Hz IP66

Socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	Bivalent domestic Schuko	Plug type	MCB - RCD protection	Palazzoli code	Pack Qty
3			2P+⏚ - 16A	16A 30mA	**670030**	1
2	1		3P+N+⏚ - 16A	16A 30mA	**670031**	1
1	2		3P+N+⏚ - 16A	16A 30mA	**670032**	1
2		1	2P+⏚ - 16A	16A 30mA	**670033**	1

Equipment included: 3 m of H 07 RN-F cable for connection to the plug.
Features: padlockable modular door.



Portable distribution boards with 4 fixed socket-outlets MCB and RCD protection 50/60Hz IP66

Socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	Bivalent domestic Schuko	Plug type	MCB - RCD protection	Palazzoli code	Pack Qty
4			2P+⏚ - 16A	16A 30mA	**670040**	1
3	1		3P+N+⏚ - 16A	16A 30mA	**670041**	1
2	2		3P+N+⏚ - 16A	16A 30mA	**670042**	1
	4		3P+⏚ - 16A	16A 30mA	**670043**	1
2		2	2P+⏚ - 16A	16A 30mA	**670044**	1

Equipment included: 3 m of H 07 RN-F cable for connection to the plug.
Insulated handle for transport.
Features: padlockable modular door.



Portable distribution boards with 6 fixed socket-outlets MCB and RCD protection 50/60Hz IP66

Socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 400V	Plug type	MCB - RCD protection	Palazzoli code	Pack Qty
4	2		3P+N+⏚ - 32A	32A 30mA	**670060**	1
3	3		3P+N+⏚ - 32A	32A 30mA	**670061**	1
3	2	1	3P+N+⏚ - 32A	32A 30mA	**670062**	1
6			3P+N+⏚ - 32A	32A 30mA	**670063**	1

Equipment included: 3 m of H 07 RN-F cable for connection to the plug.
Insulated handle for transport.
Features: padlockable modular door.

NOTES

The boards can be customised by Palazzoli with side emergency push-button.

Dimensions on page 494

ENERGY GO

Mobile ASC distribution boards



Portable transformation boards
50/60Hz IP66

With transformer 2P 24V 150VA	Industrial 2P+⏚ 230V	MCB - RCD	Palazzoli code	Pack Qty
2	2	2P 16A	**670130**	1
2		2P 16A	**670140**	1

Equipment included: self-protected safety transformer, 3 m H 07 RN-F cable for connection to the plug, handle made of insulating material for transport.
Uses: indispensable in confined conductive areas such as pits, wells, chimneys, tanks and metallic or humid narrow passages and confined excavations in the ground.
Features: padlockable modular door.



Pair of stainless steel plates
for wall mounting of topTER
and PRIMA distribution boards

For distribution boards	Palazzoli code	Pack Qty
all topTER and PRIMA distribution boards	**579012**	10



Universal support
for topTER, PRIMA
and Energy Go
distribution boards

Manufacturing material	Palazzoli code	Pack Qty
width 239 mm and above	**570010**	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board.

ROTOR

Interlocked extensions





Interlocked extension
with rotoswitch
and 20 m cable
IP66/IP67/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110		2P+⏚	4	**670013**	1
	230		2P+⏚	6	**670010**	1
	400		3P+⏚	6	**670011**	1
			3P+N+⏚	6	**670012**	1

Equipment included: 20 m of H 07 RN-F 2.5 mm² cable for connection to the plug.

THE ONLY PORTABLE INTERLOCKED EXTENSION



ENERGY METALBOX

ACS distribution boards in metal cabinet

Body material	**15/10 mm steel sheet (enclosure) 25/10 mm steel sheet (back plate)**
Colour	**RAL 5015 Sky blue**
Protection rating	**IP65**
Impact resistance	**IK10**
Insulation class	**I**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**63A - 80A - 100A - 125A - 200A**
Operating voltage	**400V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**
RCD protection type	**AC**

CE

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-4
IEC/EN 63000



Cabinet
in painted galvanised steel

Outer dimensions (mm)	Usable inner dimensions (mm)	Palazzoli code	Pack Qty
1160x740x430	1065x685	**500884**	1
1530x740x430	1430x685	**500885**	1

Equipment included: emergency push-button external to the distribution board.
Notes: power supply from below.

Technical accessories:

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Pair of supports
for ACS assembly cabinets

Dimensions (mm)	Palazzoli code	Pack Qty
590x690	**500886**	1

Dimensions on page 494

ENERGY METALBOX

ACS distribution boards in metal cabinet



Assemblies for Constructions Sites (ACS)
in metal cabinet
with direct outlets protected by MCBs
entry with terminal block
50/60Hz IP65

Main switch A/kW	MCBs					Palazzoli code	Pack Qty
	230V 2P		400V 4P				
	16A	25A	16A	32A	63A		
63/40	2		2	1		**675101**	1
80/50	2		1	2		**675102**	1
125/78			2	2	2	**676101**	1
125/78				4	2	**676102**	1
100/62	2		1	4		**677101**	1
125/78		2		3	2	**677102**	1
100/62	3		1	4		**678101**	1
125/78		3		3	2	**678102**	1

Equipment included: emergency push-button external to the distribution board.
Features: padlockable modular door.
Notes: power supply from below.



Assemblies for Construction Sites (ACS)
in metal cabinet
with interlocked socket-outlet
protected by MCB
entry with terminal block
50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets						Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V		
63/30	3	1	1				**675001**	1
100/60	1	2	1	1			**675002**	1
100/50	3	2	1				**676001**	1
100/50	3	2		1			**676002**	1
100/50	2	3		1			**676003**	1
100/60	2	2	2				**676004**	1
100/60	3	2	2				**677001**	1
100/60	2	2	3				**677002**	1
200/100	2	2	2			1	**677003**	1
100/60	2	2		3			**677004**	1
200/100	3	2	2			1	**678001**	1
200/100	2	2		2	1	1	**678002**	1

Equipment included: emergency push-button external to the distribution board.
Features: padlockable modular door.
Notes: power supply from below.



Assemblies for Constructions Sites (ACS)
in metal cabinet
with interlocked socket-outlets
protected by fuses
entry with terminal block
50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets						Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V		
63/100	3	1	1				**685001**	1
100/60	1	2	1	1			**685002**	1
100/50	3	2	1				**686001**	1
100/50	3	2		1			**686002**	1
100/50	2	3		1			**686003**	1
100/60	2	2	2				**686004**	1
100/60	3	2	2				**687001**	1
100/60	2	2	3				**687002**	1
200/100	2	2	2			1	**687003**	1
100/60	2	2		3			**687004**	1
200/100	3	2	2			1	**688001**	1
200/100	2	2		2	1	1	**688002**	1

Equipment included: emergency push-button external to the distribution board.
Features: padlockable modular door.
Notes: power supply from below.

ENERGY TAIS

ACS distribution boards on stainless steel stand

Body material	**Palazzoli Thermosetting GRP (distribution boards on plates) AISI 304 stainless steel (plate and canopy)**
Protection rating	**IP65**
Impact resistance	**IK10**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**63A - 100A - 200A**
Operating voltage	**400V**
Insulation voltage	**500V**
Operating frequency	**50/60Hz**
RCD protection type	**AC**



Frames on stand with stainless steel plate and canopy AISI 304

Outer dimensions (mm)	Internal usable dimensions (mm)	Weight (kg)	Palazzoli code	Pack Qty
803x1335x565	700x600	38	**501500**	1
1118x1335x565	1000x600	58	**501501**	1
1313x1335x565	1200x600	51	**501502**	1
1853x1685x748	1750x840	93	**501503**	1

Technical accessories:


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CE

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-4
IEC/EN 63000

Dimensions on page 494

ENERGY TAIS

ACS distribution boards on stainless steel stand



Assemblies for construction sites (ACS) on stand with stainless steel plate with direct outlets protected by MCB 50/60Hz IP65

Main switch A/kW	MCBs 400V 4P				Frame type	Palazzoli code	Pack Qty
	16A	25A	32A	63A			
100/60		1	4		MT1	**500890**	1
200/120		1	3	1	MT1	**500891**	1
200/120		1	4	1	MT2	**500892**	1
200/150		1	2	3	MT2	**500893**	1
200/120	1	2	3	1	MT2	**500894**	1
200/150		2	3	2	MT2	**500895**	1
200/120	1	3	3	1	MT3	**500896**	1
200/150		3	3	2	MT3	**500897**	1

Features: emergency mushroom button and warning light. Voltage indicator lamp.



Assemblies for construction sites (ACS) on stand with stainless steel plate with interlocked socket-outlets protected by MCB 50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets							Transf. 16A 2P 24V	Frame type	Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V				
63/35	3	1			1				MT1	**500770**	1
63/35	2	2		1					MT1	**500767**	1
63/35	2	2			1				MT1	**500766**	1
63/35	2		2		1				MT1	**500768**	1
63/35	3	1		1					MT1	**500753**	1
63/35	4	2							MT1	**500762**	1
100/50	2	2		2					MT2	**500817**	1
100/50	2	2			2				MT2	**500816**	1
63/35	2	2			1			1	MT1	**500750**	1
100/50	2			4				1	MT2	**500792**	1
100/50	2	2		3					MT2	**500802**	1
100/50	2	2		2				1	MT2	**500800**	1
100/50	2	2			3				MT2	**500801**	1
100/50	2			2	2			1	MT2	**500790**	1
100/50	2	2			2			1	MT3	**500843**	1
200/100	2	2		2			1	1	MT3	**500841**	1
200/100	2	2			2		1	1	MT3	**500840**	1
200/100	3	3		2		1			MT3	**500835**	1
200/100	3	3			2		1		MT3	**500833**	1
200/100	2	2		2			1	2	MT3	**500831**	1
200/100	2	2			2		1	2	MT3	**500830**	1

Features: emergency mushroom button and warning light. Voltage indicator lamp.



Assemblies for construction sites (ACS) on stand with stainless steel plate with interlocked socket-outlets protected by fuses 50/60Hz IP65

Main switch A/kW	Interlocked socket-outlets							Transf. 16A 2P 24V	Frame type	Palazzoli code	Pack Qty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V				
63/35	3	2							FS1	**500874**	1
63/35	3	1		1					FS1	**500863**	1
63/35	2	3							FS1	**500872**	1
63/35	2	2		1					FS1	**500860**	1
63/35	2	2			1				FS1	**500861**	1
100/50	2					2		2	MT2	**500918**	1
100/50	3	3			2				MT2	**500916**	1
100/50	3	2		2				1	MT2	**500903**	1
100/50	3	2			2			1	MT2	**500904**	1
100/50	2	2		2				2	MT2	**500900**	1
200/100	3	3			2		1		MT3	**500949**	1
200/100	4	2		2		1		1	MT3	**500941**	1
200/100	4	2			2		1	1	MT3	**500943**	1
200/100	4	2		2		1		2	MT3	**500930**	1
200/100	4	4		2		1			MT3	**500933**	1
200/100	4	4			2		1		MT3	**500934**	1
200/100	4	4		2			1		MT3	**500935**	1
200/100	4	2	2		2		1		MT3	**500936**	1

Features: emergency mushroom button and warning light. Voltage indicator lamp.





Atex

The Company has extensive experience in extreme environments where flammable materials, oxidising chemicals, salt solutions, acids and motor and vegetable oils are handled. Palazzoli is the absolute market leader in Atex products, explosion-proof equipment for high-risk environments. Power plants, chemical industries, oil platforms, military bases and refineries are just a few areas where lighting devices must prevent any propagation of sparks and ensure safe and reliable operation over time.



The Company has consolidated experience in extreme environments, where the presence of oxidising chemicals, saline solutions, acids and motor and vegetable oils has forged the products for which Palazzoli is the absolute market leader.

The IE regulatory system, in particular with the IEC 60079-10 series of standards, which establishes the basic rules for electrical installations in places where there is a danger of explosion due to the presence of both gas and combustible dust, with regard to the classification of hazardous areas, refers to a particular calculation model, called the I IEC zone system.
This model is based on the determination of the probability of the formation of an explosive atmosphere and its persistence over time in the environments, which thus become fundamental parameters for the classification of hazardous areas.



Danger	Gases - vapours	Dusts
Permanent	**ZONE 0**	**ZONE 20**
Occasional	**ZONE 1**	**ZONE 21**
Not likely	**ZONE 2**	**ZONE 22**

TAISBOX-EX

electrifies the Rotterdam regasification plant



ATEX

ENCLOSURES, JUNCTION BOXES AND CABLE GLANDS



TAISBOX-EX

Zones 1, 2, 21 and 22
junction boxes
in antistatic thermosetting GRP
Page 249



TAISBOX-EXU

Zones 1, 2, 21 and 22
boxes
in antistatic thermosetting GRP
Page 251



ALUCASE-EXU

Zones 1, 2, 21 and 22
boxes
in aluminium alloy
Page 252



UNIBOX-EXU

Zones 2, 22
boxes
in aluminium alloy
Page 253



UNI-EX

Zones 1, 2, 21 and 22
cable glands
and adaptors
Page 256

EASY COMPOSER

Software for the design and cost estimate of distribution boards.

√ Select the distribution board
√ Compose your distribution board
√ Calculate the cost estimate
√ Download the certificates

MOBILE PLUGS, INTERLOCKED SOCKET-OUTLETS AND CONTROL DEVICES



XCEE-EX

Zones 2, 21 and 22
mobile plugs
in antistatic technopolymer
Page 239



TAIS-EX

Zones 2, 21 and 22
interlocked socket-outlets
in antistatic thermosetting GRP
Page 245



CAMTAIS-EX

Zones 2, 21 and 22
rotary devices
in antistatic thermosetting GRP
Page 259



CAMALUPRES-EX

Zones 2, 21 and 22
rotary devices
in aluminium alloy
Page 260



TAISMIGNON-EX

Zones 2, 22
small devices
in antistatic thermosetting GRP
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ALARM-EX

Zones 2, 21 and 22
sirens and bells
in aluminium alloy
Page 261

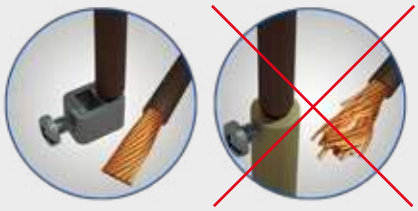
XCEE-EX



XCEE-EX Zone 2, 21, 22

Mobile plugs in antistatic technopolymer

ADVANTAGES



1

Indirect clamping terminals prevent overheating and cable breaks even after 50,000 insertions.

The plug is equipped with an extra external cable clamp with a double lock to ensure maximum resistance against tearing.

2





3

The XCEE-EX casing, made of carbon-fibre-reinforced technopolymer, prevents the build-up of electrostatic charges, thus preventing the ignition of explosive gas, vapour or dust atmospheres.

Plugs come with a range of covers to ensure plug protection even in the most polluted environments.

4



XCEE-EX Zone 2, 21, 22

Mobile plugs in antistatic technopolymer



Atex execution - Gas	**II 3G - Ex ec IIC T6...T4 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T70°C...T95°C Db**
Body material	**High-thickness antistatic technopolymer**
Pin treatment	**Nickel plating**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Additional IP rating	**IP66/IP67**
Surface resistance	**<11 Ω (prevention of electrostatic charge accumulation)**
Resistance to abnormal heat and fire	**650°C (grip) 960°C (insert)**
Ambient operating temperature	**See table**
Ambient storage temperature	**-50°C - +90°C**
Rated current	**16A - 32A - 63A**
Operating voltage	**50V - 690V (16A - 32A) 50V - 1000V (63A)**
Insulation voltage	**690V (16A - 32A) 1000V (63A)**
Operating frequency	**50-500Hz and DC**
Terminal type	**Indirect clamping**

Ambient operating temperature

Rated current (A)	Ambient operating temperature (°C)	Temperature class (Gas)	Maximum surface temperature (°C) (Dust)
16	-40 … +50	T6	T70
	-40 … +65	T5	T85
32	-40 … +40	T5	T70
	-40 … +60	T4	T90
63	-40 … +40	T5	T80
	-40 … +55	T4	T95

DIRECTIVES

2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60079
IEC/EN 60079-7
IEC/EN 60079-31
IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000

Technical data sheets updated to new standards on palazzoli.com website

XCEE-EX Zone 2, 21, 22

Mobile plugs in antistatic technopolymer



High-performance straight mobile plugs
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+⏚	4	**760124EX**	1
	110	yellow	3P+⏚	4	**760134EX**	1
	110	yellow	3P+N+⏚	4	**760144EX**	1
	230	blue	2P+⏚	6	**760126EX**	1
	230	blue	3P+⏚	9	**760139EX**	1
	230	blue	3P+N+⏚	9	**760149EX**	1
	400	red	2P+⏚	9	**760129EX**	1
	400	red	3P+⏚	6	**760136EX**	1
	400	red	3P+N+⏚	6	**760146EX**	1
	500	black	3P+⏚	7	**760137EX**	1
	500	black	3P+N+⏚	7	**760147EX**	1
32	110	yellow	2P+⏚	4	**760224EX**	1
	110	yellow	3P+⏚	4	**760234EX**	1
	110	yellow	3P+N+⏚	4	**760244EX**	1
	230	blue	2P+⏚	6	**760226EX**	1
	230	blue	3P+⏚	9	**760239EX**	1
	230	blue	3P+N+⏚	9	**760249EX**	1
	400	red	2P+⏚	9	**760229EX**	1
	400	red	3P+⏚	6	**760236EX**	1
	400	red	3P+N+⏚	6	**760246EX**	1
	500	black	3P+⏚	7	**760237EX**	1
	500	black	3P+N+⏚	7	**760247EX**	1
63	110	yellow	2P+⏚	4	**760324EX**	1
	110	yellow	3P+⏚	4	**760334EX**	1
	110	yellow	3P+N+⏚	4	**760344EX**	1
	230	blue	2P+⏚	6	**760326EX**	1
	230	blue	3P+⏚	9	**760339EX**	1
	230	blue	3P+N+⏚	9	**760349EX**	1
	400	red	2P+⏚	9	**760329EX**	1
	400	red	3P+⏚	6	**760336EX**	1
	400	red	3P+N+⏚	6	**760346EX**	1
	500	black	3P+⏚	7	**760337EX**	1
	500	black	3P+N+⏚	7	**760347EX**	1

Cable features

Rated current (A)	Poles	Entry cable diameter (mm)	Cable cross-section range (mm^2)
16	2P+⏚	7 - 15	1 - 10
	3P+⏚		
	3P+N+⏚	9 - 19	
32	2P+⏚	9 - 19	1 - 10
	3P+⏚		
	3P+N+⏚	13 - 21	
63	2P+⏚	14 - 35	6 - 25
	3P+⏚		
	3P+N+⏚		



Watertight caps for plugs
IP67

Rated current (A)	Poles	Palazzoli code	Pack Qty
16A	2P+ ⏚	**476903**	1
	3P+ ⏚	**476913**	1
	3P+N+ ⏚	**476923**	10
32A	2P+ ⏚ / 3P+ ⏚	**476905**	10
	3P+N+ ⏚	**476925**	10
63A	2P+ ⏚ / 3P+ ⏚ / 3P+N+ ⏚	**476907**	1
125A	2P+ ⏚ / 3P+ ⏚ / 3P+N+ ⏚	**476909**	1

Features: ensures the IP67 protection rating when the plug is not in use.

XCEE-EX PLUG with watertight cap



TAIS-EX



TAIS-EX Zone 2, 21, 22

Interlocked socket-outlets in antistatic thermosetting GRP

ADVANTAGES



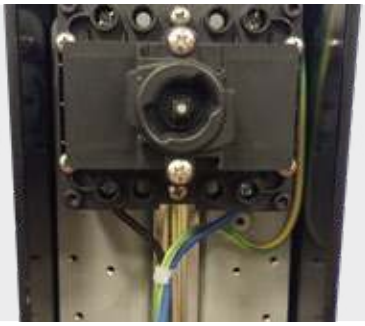
1

The TAIS-EX enclosure, made of carbon-fibre-reinforced thermosetting GRP, prevents the build-up of electrostatic charges, thus preventing the ignition of explosive gas, vapour or dust atmospheres.

The handle of the socket-outlet allows up to 3 padlocks to be used to ensure that safety procedures are followed during maintenance.

2





3

The interlocking mechanism is in metal. The cover is fixed to the body with stainless steel screws. The circuit breaker is category AC-23A with 10kA conditional short-circuit current rating.

TAIS-EX is the only series that allows to create sets of ATEX socket-outlets as easily as standard distribution boards.

4



For quick and easy installation, scan the **QR code**.

TAIS-EX Zone 2, 21, 22

Interlocked socket-outlets in antistatic thermosetting GRP



Atex execution - Gas	**II 3G - Ex ec nC IIC T6...T3 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 70°C...105°C Db**
Body material	**Palazzoli antistatic Thermosetting GRP**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Additional IP rating	**IP66/IP67**
Surface resistance	**<10^9 Ω (prevention of electrostatic charge accumulation)**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**See table**
Ambient storage temperature	**-50°C - +90°C**
Rated current	**16A - 32A - 50A - 63A**
Operating voltage	**50V - 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN 60079-7
IEC/EN 60079-15
IEC/EN 60079-31
IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

Rated operating current:			**16A**	**32A**	**40A**	**50A**	**63A**
Thermal current Ith		**A**	**16**	**32**	**40**	**50**	**63**
AC-21A	110V	A	16	32	40	50	63
	230V						
	400V						
	500V						
AC-22A	110V	A	16	32	40	50	63
	230V						
	400V						
	500V						
AC-23A	110V	A	16	32	40	50	63
	230V						
	400V						
	500V						
AC-23A	110V	kW	2.4	4.9	6.1	7.6	9.6
	230V		5.1	10.2	12.7	15.9	20.1
	400V		8.9	17.7	22.2	27.7	34.9
	500V		11.1	22.2	27.7	34.6	43.6

Wiring data:		**16A**	**32A**	**40A**	**50A**	**63A**
Entry cable diameter	mm	12.5 - 25		19-32		
Entry cable cross-section	mm^2	1-10		6-25		
Tightening torque	Nm	2		3		

Technical data sheets updated to new standards on palazzoli.com website

TAIS-EX Zone 2, 21, 22

Interlocked socket-outlets in antistatic thermosetting GRP

Ambient operating temperature

Version	Rated current (A)	Ambient operating temperature (°C)	Surface operating temperature (°C) (Dust)	Temperature class (Gas)
Direct	16	-40 … +50	T70	T6
		-40 … +65	T85	T5
	32	-40 … +40	T70	T5
		-40 … +65	T95	T4
	63	-40 … +40	T80	T4
		-40 … +65	T105	T3
Fuse	16	-40 … +50	T70	T4
	32	-40 … +40	T85	T3
	40/50	-40 … +40	T95	T3

Ambient operating temperature for switches

Rated current (A)	Ambient operating temperature (°C)	Surface operating temperature (°C) (Dust)	Temperature class (Gas)
16	-40 … +60	T80	T6
25	-40 … +60	T85	T5
32	-40 … +60	T90	T5
40/50	-40 … +60	T90	T5
63	-40 … +60	T95	T5
100	-40 … +60	T105	T4

Table for selecting plugs that can be combined

Rated current		
Socket-outlets with fuses (A)	Socket-outlet without protection (A)	Plug (A)
16	16	16
32	32	32
40/50	63	63

For ATEX installation, the **QR code.**



GUIDE TO THE CREATION OF COMPOSITIONS WITH TAIS-EX SOCKET-OUTLETS

ATEX
II 2D Ex tb IIIC
T 70°...105 °C
Db

II 3G Ex ec nC IIC
T3/T4/T5/T6 Gc

I	V		No. of poles	Entry	ZONES 2, 21-22 M125 Direct supply	ZONES 2, 21-22 M125 Fuses	ZONES 2, 21-22
16A	230V		2P+⏚	M32	**461126EX**	**462126EX**	**760126EX**
	400V		3P+⏚	M32	**461136EX**	**462136EX**	**760136EX**
	400V		3P+N+⏚	M32	**461146EX**	**462146EX**	**760146EX**
32A	230V		2P+⏚	M32	**461226EX**	**462226EX**	**760226EX**
	400V		3P+⏚	M32	**461236EX**	**462236EX**	**760236EX**
	400V		3P+N+⏚	M32	**461246EX**	**462246EX**	**760246EX**
40A 50A	400V		3P+⏚	M40		**462336EX**	**760336EX**
	400V		3P+N+⏚	M40		**462346EX**	**760346EX**
63A	400V		3P+⏚	M40	**461336EX**		**760336EX**
	400V		3P+N+⏚	M40	**461346EX**		**760346EX**

Common items included for dust and gas: technopolymer cable gland.
In the boxes, instructions and labels to correctly identify the ATEX distribution board. Labels must be chosen according to the socket-outlets installed.

Common accessories



Fittings for coupling socket-outlets with boxes IP66

538429EX M32
538436EX M40



Boxes in thermosetting GRP with blind cover for the composition of socket boards IP66/IP67

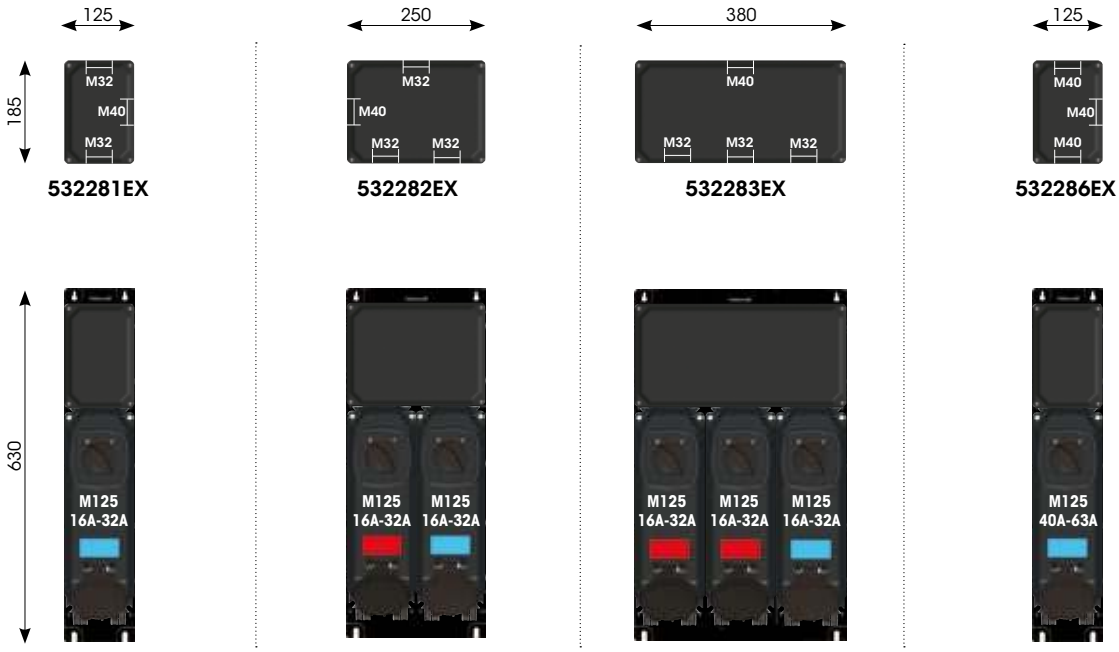
532281EX 125x185 x 1 16A-32A socket-outlet
532286EX 125x185 x 1 40A-63A socket-outlet
532282EX 250x185 x 2 16A-32A socket-outlets
532283EX 380x185 x 3 16A-32A socket-outlets



Mounting plates in thermosetting GRP with guided system for the creation of multiple socket boards

538800EX 125x630 x 1 socket-outlet
538802EX 250x630 x 2 sockets
538804EX 380x630 x 3 socket-outlets

Examples of combinations



TAIS-EX Zones 2, 21, 22

Interlocked socket-outlets in antistatic thermosetting GRP

MODULE 125





Wall-mounted interlocked socket-outlets
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M32 entry	110	yellow	2P+⏚	4	**461124EX**	1
	110	yellow	3P+⏚	4	**461134EX**	1
	110	yellow	3P+N+⏚	4	**461144EX**	1
	230	blue	2P+⏚	6	**461126EX**	1
	230	blue	3P+⏚	9	**461139EX**	1
	230	blue	3P+N+⏚	9	**461149EX**	1
	400	red	2P+⏚	9	**461129EX**	1
	400	red	3P+⏚	6	**461136EX**	1
	400	red	3P+N+⏚	6	**461146EX**	1
	500	black	3P+⏚	7	**461137EX**	1
	500	black	3P+N+⏚	7	**461147EX**	1
32 M32 entry	110	yellow	2P+⏚	4	**461224EX**	1
	110	yellow	3P+⏚	4	**461234EX**	1
	110	yellow	3P+N+⏚	4	**461244EX**	1
	230	blue	2P+⏚	6	**461226EX**	1
	230	blue	3P+⏚	9	**461239EX**	1
	230	blue	3P+N+⏚	9	**461249EX**	1
	400	red	2P+⏚	9	**461229EX**	1
	400	red	3P+⏚	6	**461236EX**	1
	400	red	3P+N+⏚	6	**461246EX**	1
	500	black	3P+⏚	7	**461237EX**	1
	500	black	3P+N+⏚	7	**461247EX**	1
63 M40 entry	110	yellow	2P+⏚	4	**461324EX**	1
	110	yellow	3P+⏚	4	**461334EX**	1
	110	yellow	3P+N+⏚	4	**461344EX**	1
	230	blue	2P+⏚	6	**461326EX**	1
	230	blue	3P+⏚	9	**461339EX**	1
	230	blue	3P+N+⏚	9	**461349EX**	1
	400	red	2P+⏚	9	**461329EX**	1
	400	red	3P+⏚	6	**461336EX**	1
	400	red	3P+N+⏚	6	**461346EX**	1
	500	black	3P+⏚	7	**461337EX**	1
	500	black	3P+N+⏚	7	**461347EX**	1

Equipment included: technopolymer cable gland.

Technical accessories:

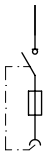

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MODULE 125





Wall-mounted interlocked socket-outlets with fuse holder base
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 M32 entry 10.3x38 fuses	110	yellow	2P+⏚	4	**462124EX**	1
	110	yellow	3P+⏚	4	**462134EX**	1
	110	yellow	3P+N+⏚	4	**462144EX**	1
	230	blue	2P+⏚	6	**462126EX**	1
	230	blue	3P+⏚	9	**462139EX**	1
	230	blue	3P+N+⏚	9	**462149EX**	1
	400	red	2P+⏚	9	**462129EX**	1
	400	red	3P+⏚	6	**462136EX**	1
	400	red	3P+N+⏚	6	**462146EX**	1
	500	black	3P+⏚	7	**462137EX**	1
	500	black	3P+N+⏚	7	**462147EX**	1
32 M32 entry fuses 14x51	110	yellow	2P+⏚	4	**462224EX**	1
	110	yellow	3P+⏚	4	**462234EX**	1
	110	yellow	3P+N+⏚	4	**462244EX**	1
	230	blue	2P+⏚	6	**462226EX**	1
	230	blue	3P+⏚	9	**462239EX**	1
	230	blue	3P+N+⏚	9	**462249EX**	1
	400	red	2P+⏚	9	**462229EX**	1
	400	red	3P+⏚	6	**462236EX**	1
	400	red	3P+N+⏚	6	**462246EX**	1
	500	black	3P+⏚	7	**462237EX**	1
	500	black	3P+N+⏚	7	**462247EX**	1
50 M40 entry fuses 22x58	110	yellow	2P+⏚	4	**462324EX**	1
	110	yellow	3P+⏚	4	**462334EX**	1
	110	yellow	3P+N+⏚	4	**462344EX**	1
	230	blue	2P+⏚	6	**462326EX**	1
	230	blue	3P+⏚	9	**462339EX**	1
	230	blue	3P+N+⏚	9	**462349EX**	1
	400	red	2P+⏚	9	**462329EX**	1
	400	red	3P+⏚	6	**462336EX**	1
	400	red	3P+N+⏚	6	**462346EX**	1
	500	black	3P+⏚	7	**462337EX**	1
	500	black	3P+N+⏚	7	**462347EX**	1

Equipment included: technopolymer cable gland.
Features: fuses not included.
Notes: the 50A sockets installed in a distribution board have a maximum rated current of 40A.
See guide to the creation of compositions on page 244.

Technical accessories:


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TAIS-EX Zones 2, 21, 22

Interlocked socket-outlets in antistatic thermosetting GRP



Boxes in thermosetting GRP with blind cover for the composition of socket boards IP66/IP67

Outer dimensions (mm)	Holes	Socket rated current (A)	Installable devices	Palazzoli code	Pack Qty
125x185x125	M32 / M40 / M32	16 - 32	1	**532281EX**	1
125x185x125	M40 / M40 / M40	40 - 63	1	**532286EX**	1
250x185x125	M32 / M40 / M32 M32	16 - 32	2	**532282EX**	1
380x185x125	M40 / M32 M32 M32	16 - 32	3	**532283EX**	1

Features: pre-drilled boxes.
Equipment included: in the boxes, instructions and labels to correctly identify the ATEX distribution board. Labels must be chosen according to the socket-outlets installed.

Technical accessories:



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Mounting plates in thermosetting GRP with guided system for the creation of multiple socket boards

Outer dimensions (mm)	Installable devices	Palazzoli code	Pack Qty
125x630	1	**538800EX**	1
250x630	2	**538802EX**	1
380x630	3	**538804EX**	1

Equipment included: pre-arranged with brass grub screws and stainless steel screws for fixing the devices.
Features: the guided positioning system simplifies the assembly of the devices onto the plate.



Fittings for coupling socket-outlets with boxes IP66

From hole	To hole	Thread length (mm)	Palazzoli code	Pack Qty
M32	M32	23	**538429EX**	1
M40	M40	23	**538436EX**	1

Features: they are used to couple socket-outlets with boxes.

Dimensions on page 495 *Technical data on page 242*

TAIS-EX

electrifies the large mills of Marghera



TAISBOX-EX Zones 1, 2, 21, 22

Junction boxes in antistatic thermosetting GRP



Atex execution - Gas	**II 2G - Ex eb IIC Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC Db**
Body material	**Palazzoli antistatic Thermosetting GRP**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Additional IP rating	**IP66/IP67**
Surface resistance	**<10⁹ Ω (prevention of electrostatic charge accumulation)**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-40°C - +70°C See table**
Ambient storage temperature	**-50°C - +90°C**

Ambient operating temperature

Code	-40°C - +40°C (W)	-40°C - +50°C (W)	-40°C - +70°C (W)
102025EX	3.8	3.5	1.0
102035EX	3.8	3.5	1.0
102045EX	3.8	3.5	1.0
102156EX	5.8	5.3	1.6
102157EX	5.8	5.3	1.6
102232EX	11.0	10.0	3.0
102242EX	11.0	10.0	3.0
102342EX	13.0	10.0	3.0
102335EX	13.0	10.0	3.0
102345EX	13.0	10.0	3.0
102365EX	13.0	10.0	3.0
102443EX	15.0	10.0	3.0
102463EX	15.0	10.0	3.0
102445EX	15.0	10.0	3.0
102485EX	15.0	10.0	3.0

*The minimum operating temperature is -20°C.

DIRECTIVES

2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN 60079-7
IEC/EN 60079-31
IEC/EN 60670-1
IEC/EN 60670-22
IEC/EN 63000

Technical data sheets updated to new standards on palazzoli.com website

TAISBOX-EX Zones 1, 2, 21, 22

Junction boxes in antistatic thermosetting GRP



Compact boxes
with cage terminals
and metric inputs in thermosetting GRP
IP66/IP67

Outer dimensions (mm)	Hole type	Type terminals (mm^2)	Palazzoli code	Pack Qty
62x80x38	M20 ↓ □ ↑ M20	4x6	**102025EX**	1
	M20 ↓ □ ← M20 ↑ M20		**102035EX**	1
	M20 ↓ M20 → □ ← M20 ↑ M20		**102045EX**	1
77x102x48	M20 ↓ M20 → □ ← M20 M20 → ↑ M20	5x6	**102156EX**	1
	M25 ↓ M25 → □ ← M25 M25 → ↑ M25		**102157EX**	1

Included

Code	Technopolymer cable glands
102025EX	2 x M20
102035EX	3 x M20
102045EX	4 x M20
102156EX	6 x M20
102157EX	6 x M25



Boxes
with wiring terminals
and metric entries in thermosetting GRP
IP66/IP67

Outer dimensions (mm)	Hole type	Type of line terminals (mm^2)	Type of earth terminals (mm^2)	Palazzoli code	Pack Qty
92x92x100	M20 → □ ← M20 ↑ M20	4x4	1x4	**102232EX**	1
	M20 ↓ M20 → □ ← M20 ↑ M20			**102242EX**	1
	M20 M20 ↓ ↓ □ ↑ ↑ M20 M20	8x4	2x4	**102342EX**	1
125x125x100	M25 → □ ← M25 ↑ M25	6x6	2x6	**102335EX**	1
	M25 ↓ M25 → □ ← M25 ↑ M25			**102345EX**	1
	M25 M25 ↓ ↓ M25 → □ ← M25 ↑ ↑ M25 M25			**102365EX**	1
125x185x100	M32 → □ ← M32 ↑ M32 M32	8x10	2x10	**102443EX**	1
	M32 M32 ↓ ↓ M32 → □ ← M32 ↑ ↑ M32 M32			**102463EX**	1
	M25 → □ ← M25 ↑ M25 M25 M25			**102445EX**	1
	M25 M25 M25 ↓ ↓ ↓ M25 → □ ← M25 ↑ ↑ ↑ M25 M25 M25			**102485EX**	1

Included

Code	Technopolymer cable glands	Caps
102232EX	2 x M20	1 x M20
102242EX	3 x M20	1 x M20
102342EX	4 x M20	-
102335EX	2 x M25	1 x M25
102345EX	3 x M25	1 x M25
102365EX	4 x M25	2 x M25
102443EX	3 x M32	1 x M32
102463EX	4 x M32	2 x M32
102445EX	4 x M25	1 x M25
102485EX	6 x M25	2 x M25

TAISBOX-EXU Zone 1, 2, 21, 22

Boxes in antistatic thermosetting GRP



Atex execution - Gas	**II 2G - Ex eb IIC Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC Db**
Body material	**Palazzoli antistatic Thermosetting GRP**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Additional IP rating	**IP66/IP67**
Surface resistance	**<10^9 Ω (prevention of electrostatic charge accumulation)**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-40°C - +70°C See table**
Ambient storage temperature	**-50°C - +90°C**

Ambient operating temperature

Code	-40°C - +40 °C (W)	-40°C - +50°C (W)	-40°C - +70°C (W)
532200EX	18	12	4
532201EX	19	17	6
532202EX	23	22	7
532203EX	24	22	8
532204EX	25	25	15
532035EX*	8	6	2
532045EX	10	6	2
532055EX	12	9	3
532116EX	13	10	3
532117EX	15	10	3
532118EX	20	14	5
532005EX	11	10	3
532006EX	11	7	2
532015EX	16	9	3
532016EX	15	10	3
532017EX	17	13	4
532018EX	22	22	7
531011EX	20	15	3
531021EX	24	20	5
531040EX	28	24	7
531042EX	35	30	20
531062EX	60	55	30

*The minimum operating temperature is -20°C.

The marking of empty ATEX boxes does not show the T temperature class of the equipment, as the maximum service temperature, for the "e" protection mode (gas), depends on the temperature reached by the components mounted inside (terminals, fuse holders, etc.); while for the "tb" protection mode (dust), the maximum surface temperature of the box's outer casing depends on the actual power dissipated by the internal components.
The user must choose the most suitable box based on the calculation of the power dissipation of the internal components and the operating temperature indicated in the table above, and proceed to certify the assembly thus constructed.

Technical data sheets updated to new standards on palazzoli.com website

DIRECTIVES

2014/34/EU (ATEX)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN 60079-7
IEC/EN 60079-31
IEC/EN 60670-1
IEC/EN 60670-22

TAISBOX-EXU Zone 1, 2, 21, 22

Boxes in antistatic thermosetting GRP



High-capacity boxes
in thermosetting GRP
IP66/IP67

Dimensions (mm) external	Dimensions (mm) internal	Max. power dissipation (W)	Palazzoli code	Pack Qty
125x185x125	89x139x102	18	**532200EX**	1
190x185x125	148x145x102	19	**532201EX**	1
250x185x125	205x147x102	23	**532202EX**	1
290x185x125	249x144x102	24	**532203EX**	1
380x185x125	336x147x102	25	**532204EX**	1

Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.



Boxes
in thermosetting GRP
with low cover
IP66/IP67

Dimensions (mm) external	Dimensions (mm) internal	Max. power dissipation (W)	Palazzoli code	Pack Qty
92x92x68	55x57x47	8	**532035EX***	1
125x92x68	87x58x47	10	**532045EX**	1
185x92x68	150x55x47	12	**532055EX**	1
125x125x100	94x80x79	13	**532116EX**	1
185x125x100	142x92x79	15	**532117EX**	1
250x125x100	210x89x79	20	**532118EX**	1

Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.
*The minimum operating temperature is -20°C.

Technical accessories:





Boxes
in thermosetting GRP
with high cover
IP66/IP67

Dimensions (mm) external	Dimensions (mm) internal	Max. power dissipation (W)	Palazzoli code	Pack Qty
92x92x100	55x52x79	11	**532005EX**	1
125x92x100	94x47x79	11	**532006EX**	1
185x92x100	151x50x79	16	**532015EX**	1
125x125x125	89x82x104	15	**532016EX**	1
185x125x125	144x86x104	17	**532017EX**	1
250x125x125	209x87x104	22	**532018EX**	1

Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.



High-capacity boxes
in thermosetting GRP
IP66/IP67

Dimensions (mm) external	Dimensions (mm) internal	Max. power dissipation (W)	Palazzoli code	Pack Qty
185x185x140	135x135x115	20	**531011EX**	1
250x185x140	200x135x115	24	**531021EX**	1
250x250x140	200x200x115	28	**531040EX**	1
370x250x140	315x200x115	35	**531042EX**	1
500x370x140	450x315x115	60	**531062EX**	1

Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.

Technical accessories:





Back plates
in galvanised steel
for TAISBOX-EXU

For enclosure code	Plate dimensions (mm)	Palazzoli code	Pack Qty
532200EX-532240EX	83x145	**532700**	1
532201EX	160x140	**532701**	1
532202EX-532242EX	208x145	**532702**	1
532203EX	260x145	**532703**	1
532204EX-532244EX	333x145	**532704**	1
532035EX-532005EX	59x59	**532705**	1
532045EX-532006EX	92x58	**532714**	1
532055EX-532015EX	142x62	**532715**	1
532116EX-532016EX	86x86	**532716**	1
532117EX-532017EX	100x86	**532717**	1
532118EX-532018EX	175x86	**532718**	1

ALUCASE-EXU Zones 1, 2, 21, 22

Boxes in aluminium alloy

Atex execution - Gas	**II 2G - Ex eb IIC Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC Db**
Body material	**Aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Additional IP rating	**IP66/IP67**
Impact resistance	**7J**
Corrosivity category	**Equivalent to C4-H / C5-M**
Insulation class	**I**
Ambient operating temperature	**-40°C - +70°C See table**
Ambient storage temperature	**-50°C - +90°C**

DIRECTIVES

2014/34/EU (ATEX)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN 60079-7
IEC/EN 60079-31
IEC/EN 60670-1
IEC/EN 60670-22

Ambient operating temperature

Code	-40°C - +40°C (W)	-40°C - +50°C (W)	-40°C - +70°C (W)
511910EX	10	7	2
511913EX	20	14	5
511220EX	22	15	6
150021EX	19	13	6
511920EX	40	28	11
521310EX	40	28	11
511921EX	49	34	13
511410EX	65	46	18
521420EX	101	71	28
511420EX	84	59	23
511510EX	96	67	27
511610EX	108	76	29

The marking of empty ATEX boxes does not indicate the temperature class T of the equipment, since the maximum service temperature, for the "eb" (gas) protection mode, depends on the temperature reached by the components mounted inside (e.g. terminals); whereas for the "tb" (dust) protection mode, the maximum surface temperature of the box's outer casing depends on the actual power dissipated by the internal components. The user must choose the most suitable box based on the calculation of the power dissipation of the internal components and the operating temperature indicated in the table above, and proceed to certify the assembly thus constructed.

Technical data sheets updated to new standards on palazzoli.com website



Boxes in aluminium alloy and back plate IP66/IP67

Dimensions (mm) external	Dimensions (mm) internal	Power dissipation (W)	Palazzoli code	Pack Qty
92x92x77	60x55x55	10	**511910EX***	1
125x125x113	94x87x89	20	**511913EX**	1
185x125x88	154x91x62	22	**511220EX**	1
155x155x73	136x111x48	19	**150021EX**	1
185x185x145	150x148x118	40	**511920EX**	1
220x220x108	174x170x80	40	**521310EX**	1
252x185x145	224x142x124	49	**511921EX**	1
252x252x165	202x201x130	65	**511410EX**	1
295x295x120	249x241x94	101	**521420EX**	1
315x252x193	264x196x158	84	**511420EX**	1
315x315x193	261x261x158	96	**511510EX**	1
373x373x165	320x285x130	108	**511610EX**	1

Equipment included: earth screws inside and outside the box.
Back plate (except code 511910EX).
Notes: the maximum power dissipation is for a maximum ambient temperature of 40 °C.
*The minimum operating temperature is -20°C.

Technical accessories:



page 256

UNIBOX-EXU Zones 2, 22

Boxes in aluminium alloy

Atex execution - Gas	**II 3G - Ex ec IIC Gc U**
Atex execution - Dust	**II 3D - Ex tc IIIC Dc U**
Body material	**Aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Additional IP rating	**IP66/IP67**
Impact resistance	**4J**
Corrosivity category	**Equivalent to C3-H / C4-M**
Insulation class	**I**
Ambient operating temperature	**-20°C - +85°C**
Ambient storage temperature	**-50°C - +90°C**

DIRECTIVES

2014/34/EU (ATEX)

PRODUCT STANDARDS

IEC/EN 60670-1
IEC/EN 60670-22
IEC/EN 60079-31
IEC/EN 60079-0
IEC/EN 60079-7

Ambient operating temperature

Code	-40°C - +65°C (W)	-40°C - +75°C (W)	-40°C - +85°C (W)
520009EX	10	6	4
520011EX	13	9	6
520012EX	17	11	8
520014EX	25	17	12
520019EX	40	27	19
520020EX	62	43	29
520021EX	95	66	45

The marking of empty ATEX boxes does not show the T temperature class of the equipment, as the maximum service temperature, for the "ec" protection mode (gas), depends on the temperature reached by the components mounted inside (terminals, fuse holders, etc.); while for the "tc" protection mode (dust) the maximum surface temperature of the box's outer casing depends on the actual power dissipated by the internal components. The user must choose the most suitable box based on the calculation of the power dissipation of the internal components and the operating temperature indicated in the table above, and proceed to certify the assembly thus constructed.

Technical data sheets updated to new standards on palazzoli.com website



Empty boxes in aluminium alloy IP66/IP67

Box type	Dimensions (mm) external	Dimensions (mm) internal	Max. power dissipation (W)	Palazzoli code	Pack Qty
UNI B9	100x100x59	88x88x44	10	**520009EX**	1
UNI B11	115x140x61	103x128x46	13	**520011EX**	1
UNI B12	141x166x64	128x153x49	17	**520012EX**	1
UNI B14	168x192x80	152x176x65	25	**520014EX**	1
UNI B19	217x253x93	201x236x75	40	**520019EX**	1
UNI B20	264x314x122	243x295x104	62	**520020EX**	1
UNI B21	315x410x150	291x386x126	95	**520021EX***	1

Equipment included: earth screws inside and outside the box.
Notes: the maximum power dissipation is for a maximum ambient temperature of 65 °C.
*the protection rating is IP65.

Technical accessories:



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Back plates in galvanised steel for UNIBOX-EXU boxes

For box type	Dimensions (mm)	Palazzoli code	Pack Qty
UNI B11	119x78	**522011**	1
UNI B12	132x108	**522012**	1
UNI B14	165x125	**522014**	1
UNI B19	200x165	**522019**	1
UNI B20	250x210	**522020**	1
UNI B21	345x257	**522021**	1

Equipment included: screws for mounting inside the box, 2 kits for earthing terminal connection.



DIN rails for UNIBOX-EXU boxes

For box type	Working length (mm)	Palazzoli code	Pack Qty
UNI B9	60	**521009**	1
UNI B11	95	**521011**	1
UNI B12	125	**521012**	1
UNI B14	170	**521014**	1
UNI B19	230	**521019**	1
UNI B20	290	**521020**	1
UNI B21	380	**521021**	1

Equipment included: screws for mounting inside the box.

Dimensions on page 475

CUSTOMISED ATEX JUNCTION BOXES

The thermosetting GRP TAISBOX-EXU and the aluminium alloy ALUCASE-EXU boxes can be completed with cable glands and terminal blocks, allowing the creation of customised junction boxes, suitable for installation in zones 1-2-21-22 in accordance with the ATEX 2014/34/EC Directive. The configurations customised and certified by a Notified Organism can be made by Palazzoli upon specifications of the customer.
To make the configurations it is necessary to know:

1. Number and type of modular terminal blocks.

The IEC/EN60715 DIN rail inside the box can be complemented with Atex-compliant and Ex-eb-certified modular terminal blocks. The maximum number of terminals that can be used depends on the physical dimensions of the box, according to the table below, and on the maximum power dissipation.

2. Number, type e positions of the cable glands.

Each box can be drilled on the 4 sides using a max. number of entries that depends on the dimensions of the cable glands and on side area. Cable glands from Palazzoli or any other brand, from M12 to M50, may be used. They must comply with the Atex Directive and certified with the Ex-e/Ex-tb protection mode. If windowed boxes are used, it is possible to complete them with suitable drilled flanges or blind raised flanges (Table below).

SERIES	CODE OF EMPTY BOX	DIMENSIONS (BxHxD)	DIN GUIDE LENGTH (mm)	MAXIMUM NUMBER OF CABLE GLANDS THAT CAN BE INSTALLED ON EACH SIDE													
				LONG SIDE OF THE BOX (B)							SHORT SIDE OF THE BOX (H)						
				M12	M16	M20	M25	M32	M40	M50	M12	M16	M20	M25	M32	M40	M50
TAISBOX-EXU	**532200EX**	185x125x125	145	12	8	6	3	2	2	-	6	4	3	2	1	1	-
	532201EX	190x185x125	160	12	8	6	3	2	2	-	12	8	6	3	2	2	-
	532202EX	250x185x125	220	16	14	12	5	4	3	-	12	8	6	3	2	2	-
	532203EX	290x185x125	260	20	16	14	6	5	4	-	12	8	6	3	2	2	-
	532204EX	380x185x125	333	26	24	22	9	7	6	-	12	8	6	3	2	2	-
	532035EX	92x92x68	59	2	1	1	-	-	-	-	2	1	1	-	-	-	-
	532045EX	125x92x68	92	4	3	3	2	-	-	-	2	1	1	-	-	-	-
	532055EX	185x92x68	142	6	4	4	2	-	-	-	2	1	1	-	-	-	-
	532116EX	125x125x100	86	7	4	3	2	1	1	-	6	4	3	2	1	1	-
	532117EX	185x125x100	100	12	8	6	3	2	2	1	6	4	3	2	1	1	-
	532118EX	250x125x100	175	16	14	12	6	4	3	-	6	4	3	2	1	1	-
	532005EX	92x92x100	59	2	1	1	-	-	-	-	2	1	1	-	-	-	-
	532006EX	125x92x100	92	4	3	3	2	-	-	-	2	1	1	-	-	-	-
	532015EX	185x92x100	142	6	4	4	2	-	-	-	2	1	1	-	-	-	-
	532016EX	125x125x125	86	7	5	4	2	1	-	-	6	5	4	2	1	-	-
	532017EX	185x125x125	100	12	7	6	4	3	-	-	6	5	4	2	1	-	-
	532018EX	250x125x125	175	16	10	8	5	4	-	-	6	5	4	2	1	-	-
ALUCASE-EXU	**511910EX**	92x92x77	69	3	2	2	1		-	-	3	2	2	1	-	-	-
	511913EX	125x125x113	100	8	5	4	2	2	-	-	8	5	4	2	2	-	-
	150021EX	155x155x73	122	10	6	5	3	1	-	-	10	6	5	3	1	-	-
	511920EX	185x185x145	160	18	12	10	8	4	3	2	18	12	10	8	4	3	2
	511921EX	252x185x145	200	24	16	14	10	5	4	3	18	12	10	8	4	3	2
	511911EX	125x92x77	100	3	3	2	-	-	-	-	-	-	-	-	-	-	-
	511912EX	185x92x77	150	6	5	4	-	-	-	-	-	-	-	-	-	-	-
	511917EX	252x125x113	200	16	14	6	5	4	-	-	2	1	-	-	-	-	-
	511922EX	220x220x108	190	3	3	2	2	-	-	-	3	3	2	2	-	-	-
	511923EX	252x252x197	210	32	28	18	10	8	6	3	15	8	6	6	2	2	1

3. Maximum utilisation current for each terminal.

By specifying this detail it is possible to calculate more precisely the maximum power dissipation and use optimised boxes with more compact dimensions. If this detail cannot be supplied, the maximum rated current should be considered and larger boxes will have to be used.

4. Ambient temperature

The boxes in Palazzoli Thermosetting GRP of the TAISBOX-EXU series and the boxes in aluminium alloy of the ALUCASE-EXU series can be used at different temperatures. The complete tables are on page 250 for the TAISBOX-EXU series and page 252 for the ALUCASE-EXU series.
Also in this case, by carefully choosing the temperature range, it is possible to use optimised boxes with more compact dimensions.

REQUEST FORM FOR CUSTOMISED ATEX JUNCTION BOXES

DATA REQUIRED

CODE OF EMPTY PALAZZOLI BOX: _____

QUANTITY TO BE PRODUCED: _____

MAX AMBIENT TEMPERATURE (°C):_____

BRAND OF TERMINAL:_____
(if not expressly indicated, the terminals are the responsibility of Palazzoli)

INTERNAL COMPOSITION	TERMINAL RATED CROSS-SECTION (mm²)						
	2.5	4	6	10	16	25	35
NUMBER OF TERMINALS							
CURRENT PER TERMINAL (A)							

Indicate in the table the number of terminals and the current required for each terminal.

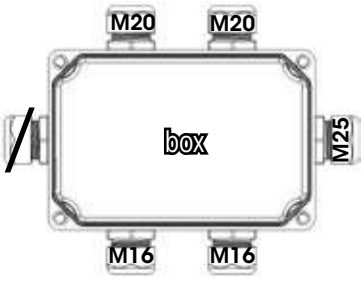
CABLE GLAND MATERIAL: Insulating ☐ Brass ☐

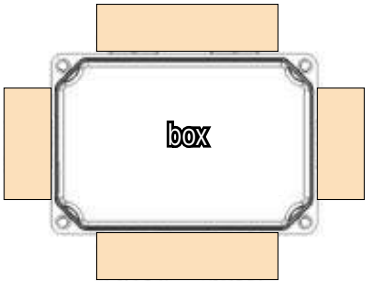
EXACT MAKE AND MODEL OF CABLE GLAND:_____
(if not expressly indicated, the cable glands are the responsibility of Palazzoli)

EXTERNAL COMPOSITION	CABLE GLAND THREAD						
	M12	M16	M20	M25	M32	M40	M50
NUMBER OF CABLE GLANDS							

Indicate in the table the number of cable glands and their positions on the four sides of the box as in the example below.

Example:





The form must be sent to vendite@palazzoli.it

UNI-EX Zones 1, 2, 21, 22

Cable glands and adaptors

Atex execution - Gas	**II 2G - Ex eb IIC Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC Db**
Body material	**(technopolymer cable glands)** **Polyamide body** **Neoprene gaskets** **(brass cable glands)** **Nickel-plated brass body** **Neoprene gaskets** **(cable glands for armoured cables)** **Nickel-plated brass body** **Graphite gasket** **(adaptors)** **Galvanised steel**
Surface treatment	**Fluorozirconate passivation**
Colour	**Technopolymer cable gland** **RAL 9005 Jet black**
Protection rating	**IP66/IP68 (cable glands)** **IP66/IP67 - IP68 (adaptors)**
Impact resistance	**<10^9 Ω** **(prevention of electrostatic charge accumulation)**
Insulation class	**I**
Ambient operating temperature	**(technopolymer cable glands)** **-20°C - +80°C (M12)** **-35°C - +95°C** **(brass cable glands)** **-40°C - +100°C** **(cable glands for armoured cables)** **-60°C - +80°C** **(adaptors)** **-40°C - +150°C**
Ambient storage temperature	**-50°C - +90°C**

DIRECTIVES

2014/34/EU (ATEX)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN 60079-1
IEC/EN 60079-7
IEC/EN 60079-31
ISO 965-1
ISO 965-3



Cable glands
with Pg pitch
in technopolymer
IP66/IP68

Pg	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
9	16	3.5-8.5	8	**571009EX**	50
11	19	4-10,5	8	**571011EX**	50
13.5	21	5-12.5	9	**571013EX**	50
16	23	6.5-14	10	**571016EX**	50
21	29	8-18.5	11	**571021EX**	20
29	38	10-25	12	**571029EX**	20
36	48	24-34	15	**571036EX**	10
42	55	34-42	15	**571042EX**	5
48	61	40-48	15	**571048EX**	5



Cable glands
with Pg pitch and long threading
in technopolymer
IP66/IP68

Pg	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
9	16	3.5-5.5	15	**571109EX**	50
11	19	4-10,5	15	**571111EX**	50
13.5	21	5-12.5	15	**571113EX**	50
16	23	6.5-14	15	**571116EX**	50
21	29	8-18.5	15	**571121EX**	20
29	38	10-25	15	**571129EX**	20
36	48	24-34	18	**571136EX**	10
42	55	34-42	18	**571142EX**	5
48	61	40-48	18	**571148EX**	5



Locknuts in insulating material
with Pg pitch

Pg	Palazzoli code	Pack Qty
7	**571207**	50
9	**571209**	50
11	**571211**	50
13.5	**571213**	50
16	**571216**	50
21	**571221**	25
29	**571229**	20
36	**571236**	10
42	**571242**	5
48	**571248**	5

UNI-EX Zones 1, 2, 21, 22

Cable glands and adaptors



Cable glands
with metric pitch
in technopolymer
IP66/IP68

Threading	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	4-6.5	8	**581012EX**	50
M16x1.5	16.5	5-10	10	**581016EX**	50
M20x1.5	20.5	10-14	10	**581020EX**	50
M25x1.5	25.5	12-18	10	**581025EX**	20
M32x1,5	32.5	16-25	10	**581032EX**	20
M40x1.5	40.5	22-32	10	**581040EX**	20
M50x1.5	50.5	28-38.5	12	**581050EX**	10
M63x1.5	63.5	40-48	12	**581063EX**	5



Cable glands
with metric pitch and long threading
in technopolymer
IP66/IP68

Threading	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	4-6.5	15	**581112EX**	50
M16x1.5	16.5	5-10	15	**581116EX**	50
M20x1.5	20.5	10-14	15	**581120EX**	50
M25x1.5	25.5	12-18	15	**581125EX**	20
M32x1,5	32.5	16-25	15	**581132EX**	20
M40x1.5	40.5	22-32	16	**581140EX**	20
M50x1.5	50.5	28-38.5	16	**581150EX**	10
M63x1.5	63.5	40-48	16	**581163EX**	5



Screwcaps with metric threading
IP66/IP68

Threading	Max. mounting hole (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	15	**581312EX**	1
M16x1.5	16.5	15	**581316EX**	1
M20x1.5	20.5	15	**58132EX0**	1
M25x1.5	25.5	15	**581325EX**	1
M32x1,5	32.5	15	**581332EX**	1
M40x1.5	40.5	15	**581340EX**	1
M50x1.5	50.5	15	**581350EX**	1
M63x1.5	63.5	15	**581363EX**	1



Metric pitch locknuts
in technopolymer

Threading	Palazzoli code	Pack Qty
M12x1,5	**581212**	50
M16x1.5	**581216**	50
M20x1.5	**581220**	50
M25x1.5	**581225**	50
M32x1,5	**581232**	50
M40x1.5	**581240**	20
M50x1.5	**581250**	10
M63x1.5	**581263**	5

Technical data on page 256

UNI-EX Zones 1, 2, 21, 22

Cable glands and adaptors



Cable glands in nickel-plated brass
with metric threading
IP66/IP68

Threading	Max. mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	4.5-6.5	15	**582112EX**	50
M16x1.5	16.5	5-9.5	15	**582116EX**	50
M20x1.5	20.5	8-13	15	**582120EX**	50
M25x1.5	25.5	9-16	15	**582125EX**	20
M32x1,5	32.5	12-21	15	**582132EX**	20
M40x1.5	40.5	16-27	15	**582140EX**	20
M50x1.5	50.5	23-35	15	**582150EX**	10
M63x1.5	63.5	36-48	15	**582163EX**	5



Cable glands for armoured cables
in nickel-plated brass
with metric threading
IP66/IP68

Threading	Max. mounting hole (mm)	Sheath outer diameter (mm)	Sheath inner diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M16	16.5	7-11.5	4-8	15	**580416EX**	1
M20	20.5	9-15.5	7-12	15	**580420EX**	1
M25	25.5	13-20	9.5-15.5	15	**580425EX**	1
M32	32.5	18-27	14-20.5	15	**580432EX**	1
M40	40.5	23-33.5	17-27	15	**580440EX**	1
M50	50.5	29-40.5	22-33.5	15	**580450EX**	1
M63	63.5	40-54	34-47.5	15	**580463EX**	1

Notes: earthing tab available on request.



Nickel-plated brass locknuts
with metric pitch

Threading	Palazzoli code	Pack Qty
M12x1,5	**582212**	50
M16x1.5	**582216**	50
M20x1.5	**582220**	50
M25x1.5	**582225**	25
M32x1,5	**582232**	20
M40x1.5	**582240**	10
M50x1.5	**582250**	10
M63x1.5	**582263**	5



Gas/metric adaptors
in galvanised steel
for tube/box connections
IP66/IP67

Male thread	Female thread	Palazzoli code	Pack Qty
3/8" Gas	M16x1.5	**580360EX**	1
1/2" Gas	M20x1.5	**580361EX**	1
3/4" Gas	M25x1.5	**580364EX**	1
1" Gas	M32x1,5	**580365EX**	1



Pg/metric adaptors
in galvanised steel
for tube/box connections
IP68

Male thread	Female thread	Palazzoli code	Pack Qty
Pg21	M25x1.5	**580394EX**	1
Pg29	M32x1,5	**580395EX**	1
Pg36	M40x1.5	**580396EX**	1

Technical data on page 256

TAIS-EX Zones 2, 21, 22

Rotary devices in antistatic thermosetting GRP

Atex execution - Gas	**II 3G -Ex ec nC IIC T4/ T5/T6 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C...105°C Db**
Body material	**Palazzoli antistatic thermosetting GRP**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Surface resistance	**<10^9 Ω (prevention of electrostatic charge accumulation)**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**See table on page 243**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A - 25A - 32A - 40A - 63A - 100A**
Operating voltage	**690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN 60079-7
IEC/EN 60079-15
IEC/EN 60079-31
IEC/EN 60947-3
IEC/EN 60947-1
IEC/EN 63000

Rated operating current:			**16A**	**25A**	**32A**	**40A**	**63A**	**100A**
Thermal current Ith		**A**	**16**	**25**	**32**	**40**	**63**	**100**
AC-21A	230V	A	16	25	32	40	63	100
	400V							
	500V							
	690V							
AC-22A	230V	A	16	25	32	40	63	100
	400V							
	500V							
	690V							
AC-23A	110V	A	16	25	32	40	63	63
	230V							
	400V							
	500V							
	690V							
AC-23A	110V	kW	2.4	3.8	4.9	6.1	9.6	9.6
	230V		5.1	8.0	10.2	12.7	20.1	20.1
	400V		8.9	13.9	17.7	22.2	34.9	34.9
	500V		11.1	17.3	22.2	27.7	43.6	43.6
	690V		15.3	23.9	30.6	38.2	60.2	60.2

Wiring data:		**16A**	**25A**	**32A**	**40A**	**63A**	**100A**
Entry cable cross-section	mm^2	1-10			6-35		
Tightening torque	Nm	2			3		



Wall-mounted isolator switches
in thermosetting GRP
IP66

Rated current (A)	Poles	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Qty
16	2	125x185	M25 / M25	**290162EX**	1
	3			**290163EX**	1
	4			**290164EX**	1
25	2			**290252EX**	1
	3			**290253EX**	1
	4			**290254EX**	1
32	3			**290323EX**	1
	4			**290324EX**	1
40	3		M32 / M32	**290403EX**	1
	4			**290404EX**	1
63	3			**290633EX**	1
	4			**290634EX**	1
100	3	185x250	M40 / M40	**290103EX***	1
	4			**290104EX***	1

Equipment included: technopolymer cable gland.
Earthing terminal inside the box.
Features: handle padlockable with 3 padlocks up to 8 mm.
* handle padlockable in the "0" position with 2 padlocks

Dimensions on page 497

CAMALUPRES-EX Zones 2, 21, 22

Rotary devices in aluminium alloy



Atex execution - Gas	**II 3G -Ex ec nC IIC T4/T5/T6 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 80°C...105°C Db**
Body material	**Aluminium alloy**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Insulation class	**I**
Ambient operating temperature	**-35°C - +65°C (-40°C on request) See table on page 243**
Ambient storage temperature	**-50°C - +80°C**
Rated current	**16A - 25A - 32A - 40A - 63A - 100A**
Operating voltage	**690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/34/EU (ATEX)
2011/65/EU
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60079-0
IEC/EN60079-7
IEC/EN 60079-15
IEC/EN 60079-31
IEC/EN 60947-3
IEC/EN 60947-1
IEC/EN 63000

Rated operating current:			16A	25A	32A	40A	63A	100A
Thermal current Ith		A	16	25	32	40	63	100
AC-21A	230V	A	16	25	32	40	63	100
	400V							
	500V							
	690V							
AC-22A	230V	A	16	25	32	40	63	100
	400V							
	500V							
	690V							
AC-23A	110V	A	16	25	32	40	63	63
	230V							
	400V							
	500V							
	690V							
AC-23A	110V	kW	2.4	3.8	4.9	6.1	9.6	9.6
	230V		5.1	8.0	10.2	12.7	20.1	20.1
	400V		8.9	13.9	17.7	22.2	34.9	34.9
	500V		11.1	17.3	22.2	27.7	43.6	43.6
	690V		15.3	23.9	30.6	38.2	60.2	60.2

Wiring data:		16A	25A	32A	40A	63A	100A
Entry cable cross-section	mm^2	1-10			6-35		
Tightening torque	Nm	2			3		

Wall-mounted isolator switches
in aluminium alloy
IP66

Rated current (A)	Poles	Enclosure dimensions (mm)	Entry type	Palazzoli code	Pack Qty
16	2	125x185	M25 / M25	**270162EX**	1
	3			**270163EX**	1
	4			**270164EX**	1
25	2			**270252EX**	1
	3			**270253EX**	1
	4			**270254EX**	1
32	3			**270323EX**	1
	4			**270324EX**	1
40	3		M32 / M32	**270403EX**	1
	4			**270404EX**	1
63	3			**270633EX**	1
	4			**270634EX**	1
100	3	185x250	M40 / M40	**270103EX***	1
	4			**270104EX***	1

Equipment included: technopolymer cable gland.
Earthing terminal inside and outside the box.
Features: handle padlockable with 3 padlocks up to 8 mm.
* handle padlockable in the "0" position with 2 padlocks

Dimensions on page 497

TAISMIGNON-EX Zones 2, 22

Small devices in antistatic thermosetting GRP

Atex execution - Gas	**II 3G - Ex nR IIC T6 Gc**
Atex execution - Dust	**II 3D - Ex tc IIIC T 70°C Dc**
Body material	**Palazzoli antistatic Thermosetting GRP**
Colour	**RAL 9005 Jet black**
Protection rating	**IP66**
Surface resistance	**<10⁹ Ω**
Resistance to abnormal heat and fire	**960°C**
Flammability class	**V-0**
Insulation class	**II**
Ambient operating temperature	**-20°C - +40°C**
Ambient storage temperature	**-50°C - +80°C**



Wall-mounted isolator switches
and two-way switches
in thermosetting GRP
IP66

Electrical scheme	Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
Switch	1P	M20	16A 250V~ / 10A 400V~	**202271EX**	1
Switch	2P	M20	16A 250V~ / 10A 400V~	**202282EX**	1
Two-way switch	1P	M20	16A 250V~ / 10A 400V~	**202276EX**	1
Selector switch	1P	M20	16A 250V~ / 10A 400V~	**202275EX**	1

Equipment included: technopolymer cable gland, M20 type.
Features: the lower entry is the predisposition for restricted breathing test.



Push-buttons
for wall-mounted
in thermosetting GRP
IP66

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1 NO	M20	10A 400V~	**261435EX**	1
1 NC	M20	10A 400V~	**261445EX**	1
1 NO + 1NC (green - red)	M20	10A 400V~	**261432EX**	1
1 NO + 1 NC (black - red)	M20	10A 400V~	**261433EX**	1

Equipment included: technopolymer cable gland, M20 type.
Features: the lower entry is the predisposition for restricted breathing test.

ALARM-EX Zones 2, 21, 22

Sirens and bells in aluminium alloy

Atex execution - Gas	**II 3G - Ex nA IIC T3 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 65 °C Db**
Body material	**Aluminium alloy (body)**
Colour	**RAL 9005 Jet black (box)** **RAL 2011 Deep orange (cover)**
Protection rating	**IP66** **according to IEC 60598-1**
Corrosivity category	**Equivalent to C4-M / C3-H**
Insulation class	**I**
Ambient operating temperature	**-20°C - +40°C**
Ambient storage temperature	**-50°C - +80°C**
Operating voltage	**24VAC - 230VAC**
Operating frequency	**50/60Hz**
Operation	**Continuous**
Entry cable diameter	**10 - 14 mm**



Sirens in aluminium alloy
with vibrating membrane
50/60Hz IP66

Rated voltage (V)	Sound level (dB)	Initial power (VA)	Vibrating power (VA)	Palazzoli code	Pack Qty
24	105	60	25	**900453EX**	1
110	105	60	25	**900463EX**	1
230	105	60	25	**900473EX**	1

Equipment included: M20 technopolymer cable gland.
Terminal block in insulating thermosetting GRP.
Earthing terminal inside and outside the box.



Directional horn for sirens

Max. diameter (mm)	Projection siren+horn (mm)	Palazzoli code	Pack Qty
112	238	**900449**	1

Equipment included: complete with stainless steel fixing screws.

Dimensions on page 498

Infrastructure

Excellent electric performance, high mechanical standards and product reliability are the basis of the success of Palazzoli's lighting solutions for roads and tunnels. The TUNNEL54 system, consisting of flame resistant, smoke proof and rodent proof equipment, with FIRE PROOF mark, tested by internationally accredited laboratories. These tests guarantee operation at 400 °C for 120' and 830 °C for 120' in accordance with IEC 64-20 (Electrical installations in road tunnels) and IEC/EN 60331-1.





Road tunnels



Mountain tunnels



Undergrounds



Junction boxes for lighting Page 265

Sockets for fans Page 265

FASTBOX-T54

electrifies the Firenze - Pisa - Livorno motorway



Marine

DISTRIBUTION TURRETS



B-SMART

Distribution turrets
Page 285

CONTAINER SOCKETS



CONTAINERS

Fixed interlocked socket-outlets
Page 288

UNAV DEVICES



UNAV

Boxes, socket-outlets, switches and two-way switches
Page 292

Infrastructure

JUNCTION BOXES FOR LIGHTING



FASTBOX-T54

Junction boxes with insulation-piercing
Page 269



ALUCASE-T54

Fire resistant junction boxes with terminal blocks
Page 270



FIREBOX-T54

Fire resistant boxes with terminal block E30 - E60 - E90
Page 273

SOCKET-OUTLETS FOR FANS



ALUPRES-T54

Fire-resistant socket-outlets for fans up to 60 kW
Page 276



ALUPRES-T54

Fire-resistant socket-outlets for fans up to 120 kW
Page 278

FASTBOX-T54



FASTBOX-T54

Junction boxes with insulation-piercing

ADVANTAGES



it resists at 830 °C for 120'

1

TUNNEL54 boxes in aluminium alloy have been tested under severe temperature conditions in order to be used in emergency circuits of roadway tunnels.

In both the technopolymer and aluminium alloy versions the protection fuse can be replaced with maximum safety, as access to it does not require opening the box.



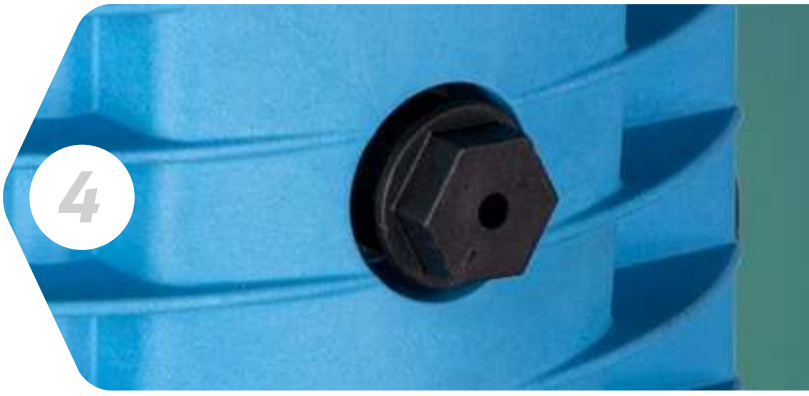
2



3

The three-blade perforating system avoids cutting and section reductions.

The pre-set screw guarantees the connection without the need of torque wrenches.



4

FASTBOX-T54

Junction boxes with insulation-piercing



Body material	**Aluminium alloy (emergency circuit boxes) Technopolymer (boxes for ordinary circuits)**
Colour	**RAL 5012 Light blue (box cover) RAL 7035 Light grey (box base)**
Protection rating	**IP66**
Impact resistance	**IK09**
Resistance to abnormal heat and fire	**960°C (ordinary circuit boxes)**
Flammability class	**V-0 (ordinary circuit boxes)**
Insulation class	**I and II**
Ambient operating temperature	**-40°C - +90°C**
Ambient storage temperature	**-50°C - +90°C**
Fire resistance	**830°C for 120' (boxes for emergency circuits)**
Line cable cross-section	**4 - 35 mm²**
Fuse type	**E14 – D01 (emergency circuit boxes) Cylindrical 5x20 (boxes for ordinary circuits)**
Cable gland type	**In nickeled brass with metric ISO threading**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC 60331-1
IEC/EN 60309-1
IEC/EN 60309-2
CEI 64-20

FASTBOX-T54

Junction boxes with insulation-piercing



Junction boxes in reinforced insulation-piercing technopolymer for single-pole cables with socket-outlet for ordinary cicuits
IP66

Line cable cross-section (mm²)	Class	Outer dimensions (mm)	Protections	Palazzoli code	Pack Qty
4 - 16	II	164x242x135	-	**158201**	1
4 - 16	II	164x242x135	1 4A fuse (L)	**158211**	1

Notes: special configurations on request.



Junction boxes in aluminium alloy with insulation-piercing for single-pole cables with socket for emergency circuits, 830 °C 120'
IP66

Line cable cross-section (mm²)	Class	Outer dimensions (mm)	Protections	Palazzoli code	Pack Qty
4-35	I	247x225x130	1 4A fuse (L)	**157001**	1
4-35	I	247x225x130	2 4A fuses (L+N)	**157101**	1
4-35	II	247x225x130	1 fuse 4A (L)	**158001**	1
4-35	II	247x225x130	2 4A fuses (L+N)	**158101**	1

Notes: special configurations on request.



Junction boxes in aluminium alloy with insulation-piercing for single-pole cables with cable gland for emergency circuits, 830 °C 120'
IP66

Line cable cross-section (mm²)	Class	Outer dimensions (mm)	Protections	Palazzoli code	Pack Qty
4-35	I	247x225x130	1 4A fuse (L)	**157011**	1
4-35	I	247x225x130	2 4A fuses (L+N)	**157111**	1
4-35	II	247x225x130	1 fuse 4A (L)	**158011**	1
4-35	II	247x225x130	2 4A fuses (L+N)	**158111**	1

Notes: special configurations on request.



Junction boxes in aluminium alloy with insulation-piercing for single-pole cables with 2 cable glands for emergency circuits, 830 °C 120'
IP66

Line cable cross-section (mm²)	Class	Outer dimensions (mm)	Protections	Palazzoli code	Pack Qty
4-35	I	247x225x130	1 6A fuse (L)	**157012**	1
4-35	I	247x225x130	2 6A fuses (L+N)	**157112**	1
4-35	II	247x225x130	1 6A fuse (L)	**158012**	1
4-35	II	247x225x130	2 6A fuses (L+N)	**158112**	1

Notes: special configurations on request.



Supports for insulation-piercing boxes in aluminium alloy

Manufacturing material	Palazzoli code	Pack Qty
AISI 304 stainless steel	**157050**	20
Galvanised and RAL 7035 painted steel	**157051**	20

Notes: suitable for channels with maximum height of 100 mm.



Screws for fixing the junction boxes in aluminium alloy to a bracket

Manufacturing material	Palazzoli code	Pack Qty
Stainless steel	**157060**	100

ALUCASE-T54

Fire resistant junction boxes with terminal blocks

Body material	**Aluminium alloy**
Colour	**RAL 5012 Light blue (box cover)** **RAL 7035 Light grey (box base)**
Protection rating	**IP66**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C3-H / C4-M**
Resistance to abnormal heat and fire	**960°C**
Insulation class	**I and II**
Ambient operating temperature	**-40°C - +90°C**
Ambient storage temperature	**-50°C - +90°C**
Fire resistance	**830°C for 120'**
Line cable cross-section	**4 - 70 mm²**
Fuse type	**E14 – D01**
Cable gland type	**In nickeled brass with metric ISO threading**



M25
Ø 8-16mm

Junction boxes in aluminium alloy with terminal block for single-pole cables with cable gland for emergency circuits, 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
2x (1x4)-2x (1x6)	2x6	185x185x105	M16 (4-9,5)	**151011**	1
2x (1x10)-2x (1x16)	2x16	185x185x105	M20 (7-13)	**151022**	1
2x (1x25)-2x (1x35)	2x40	185x252x152	M25 (8-16)	**151034**	1
2x (1x50)-2x (1x70)	2x70	252x315x193	M32 (11-21)	**151045**	1

Equipment included: reduction inserts for cable glands. 1 4A fuse.
Notes: special configurations on request.



2P+⏚
230V

Junction boxes in aluminium alloy with terminal block, for single-pole cables with socket for emergency circuits, 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
2x (1x4)-2x (1x6)	2x6	185x185x105	M16 (4-9,5)	**151311**	1
2x (1x10)-2x (1x16)	2x16	185x185x105	M20 (7-13)	**151322**	1
2x (1x25)-2x (1x35)	2x40	185x252x152	M25 (8-16)	**151334**	1
2x (1x50)-2x (1x70)	2x70	252x315x193	M32 (11-21)	**151345**	1

Equipment included: reduction inserts for cable glands. 1 4A fuse.
Notes: special configurations on request.

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC 60331-1
IEC/EN 60309-1
IEC/EN 60309-2
CEI 64-20

Dimensions on page 499

ALUCASE-T54

Fire resistant junction boxes with terminal blocks



Junction boxes in aluminium alloy with terminal block for multi-pole cables with cable gland for emergency circuits 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
4x4 - 4x6	4x6	185x252x152	M32 (11-21)	**151241**	1
4x10	4x16	185x252x152	M32 (11-21)	**151242**	1
4x16	4x16	185x252x152	M40 (15-27)	**151252**	1
4x25 - 4x35	4x40	185x252x152	M40 (15-27)	**151264**	1
3x50+25 - 3x70+35	4x70	252x315x193	M50 (22-35)	**151275**	1
70	4x70	252x315x193	M63 (35-48)	**151285**	1

Equipment included: reduction inserts for cable glands. 1 4A fuse.
Notes: special configurations on request.



Junction boxes in aluminium alloy with terminal block, for multi-pole cables with socket for emergency circuits, 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
4x4 - 4x6	4x6	185x252x152	M32 (11-21)	**151441**	1
4x10	4x16	185x252x152	M32 (11-21)	**151442**	1
4x16	4x16	185x252x152	M40 (15-27)	**151452**	1
4x25 - 4x35	4x40	185x252x152	M40 (15-27)	**151464**	1
3x50+25 - 3x70+35	4x70	252x315x193	M50 (22-35)	**151475**	1
70	4x70	252x315x193	M63 (35-48)	**151485**	1

Equipment included: reduction inserts for cable glands. 1 4A fuse.
Notes: special configurations on request.



Line junction boxes
for power supply lines
of tunnel light fixtures 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
4x4 - 4x6	4x6	252x185x152	M32 (11-21)	**151641**	1
4x10	4x16	252x185x152	M32 (11-21)	**151642**	1
4x16	4x16	252x185x152	M40 (15-27)	**151652**	1
4x25 - 4x35	4x40	252x185x152	M40 (15-27)	**151664**	1
3x50+25 - 3x70+35	4x70	315x252x193	M50 (22-35)	**151675**	1
70	4x70	315x252x193	M63 (35-48)	**151685**	1

Notes: special configurations on request.



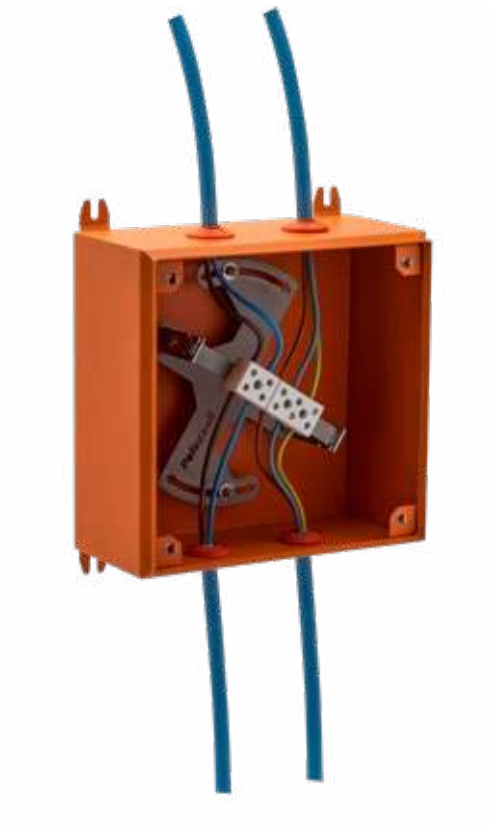
Supports
for the installation
of junction boxes

Manufacturing material	For box dimensions	Palazzoli code	Pack Qty
AISI 304 stainless steel	185x185 - 252x185	**151901**	10
AISI 304 stainless steel	185x252 - 315x252	**151902**	10
AISI 304 stainless steel	252x315	**151903**	10

Equipment included: screws for fixing the boxes.

FIREBOX-T54

Fire resistant boxes with terminal block E30 - E60 - E90



Body material	**Steel** **Technopolymer Halogen free**
Surface finish	**Painted (steel)**
Colour	**RAL2003 Pastel orange**
Protection rating	**IP66 (steel)** **IP56 (technopolymer)**
Impact resistance	**IK10 (steel)** **IK08 (technopolymer)**
Resistance to abnormal heat and fire	**650°C (technopolymer)**
Insulation class	**I (steel)** **II (technopolymer)**
Ambient operating temperature	**-40°C - +70°C (steel)** **-25°C - +50°C (technopolymer)**
Ambient storage temperature	**-50°C - +90°C (steel)** **-30°C - +70°C (technopolymer)**
Insulation voltage	**690V**
Line cable cross-section	**4 - 35 mm² (steel)** **4 - 25 mm² (technopolymer)**
Functional maintenance	**830°C 120' IEC 60331-1** **E30 - E60 - E90 DIN 4102 -12**

CE

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60670-1
IEC 60331-1
DIN 4102-12
EN 60670-22

FIREBOX-T54

Fire resistant boxes with terminal block E30 - E60 - E90



Fire-resistant junction boxes
with terminal block in technopolymer
830 °C 120' / 1000 °C 90'
IP56

Outer dimensions (mm)	No. of poles for section (mm^2)	Hole type	Palazzoli code	Pack Qty
160x120x75	3x6	M25 M20 ↓ ↓ M25/M32→ ←M25/M32 M25/M32→ ←M25/M32 ↑ ↑ M25 M20	**151735**	1
160x120x75	5x6	M25 M20 ↓ ↓ M25/M32→ ←M25/M32 M25/M32→ ←M25/M32 ↑ ↑ M25 M20	**151755**	1
200x155x75	3x16	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151731**	1
200x155x75	5x16	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151751**	1
250x185x130	3x35	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151733**	1
250x185x130	5x35	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151753**	1

Equipment included: 4 cable grommets.
Features: blind walls with M20, M25, M32, M40 knock-out opening.



Fire-resistant junction boxes
with terminal block and fuse
in technopolymer
830 °C 120' / 1000 °C 90'
IP56

Outer dimensions (mm)	No. of poles for section (mm^2)	Hole type	Palazzoli code	Pack Qty
200x155x75	3x6	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151835**	1
200x155x75	5x6	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151855**	1
250x185x130	3x16	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151831**	1
250x185x130	5x16	M25/M32 M25/M32 ↓ ↓ M25/M40→ ←M25/M40 M25/M40→ ←M25/M40 ↑ ↑ M25/M32 M25/M32	**151851**	1

Equipment included: 4 cable grommets. 1 4A fuse.
Features: blind walls with M20, M25, M32, M40 knock-out opening.

Technical accessories:



page 170



Fire-resistant junction boxes
with terminal block in steel
830 °C 120' / 1000 °C 90'
IP66

Outer dimensions (mm)	No. of poles for section (mm^2)	Hole type	Palazzoli code	Pack Qty
150x150x90	5x6	M25→ ←M25 M25→ ←M25	**151355**	1
250x250x130	5x16	M40→ ←M40 M40→ ←M40	**151351**	1
250x250x130	5x35	M40→ ←M40 M40→ ←M40	**151353**	1

Equipment included: 4 cable grommets.
Features: wall inlet holes.

Technical accessories:



page 172

ALUPRES-T54



ALUPRES-T54

Fire-resistant socket-outlets for fans up to 60 kW

ADVANTAGES



1

The socket-outlet body is made of EN 1706 AC-44300 marine aluminium alloy to guarantee its operation at 400 °C per 120 minutes.

The isolator switch contacts are with double breakers with Silver-Nickel alloy pads on nickel-plated brass bars.
The drive shaft is of the monolithic through-bar type, which allows the direct simultaneous operation of the movement cams, without interposed mechanical transmissions.



2



3

The socket-outlet insert has a silver-plated, multi-lamellar copper-beryllium crown which ensures: a larger socket-pin contact surface, easy extraction of the plugs from the socket-outlets, perfect cleaning of the pin and and a solid, long-lasting electrical contact.

The plug's cable entry is realised by means of a nickel-plated brass cable gland with radial clamping, sized to accommodate three-pole cables, type FTG18 0 M16, with a cross-section of up to 25mm².



4

ALUPRES-T54

Fire-resistant socket-outlets for fans up to 60 kW

Body material	**Marine aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Hot-polymerised non-toxic polyester**
Colour	**RAL 5012 Light blue (box cover)** **RAL 7035 Light grey (box base)**
Protection rating	**IP66**
Impact resistance	**IK10**
Resistance to abnormal heat and fire	**960°C**
Insulation class	**I**
Ambient operating temperature	**-40°C - +90°C**
Ambient storage temperature	**-50°C - +90°C**
Operating temperature resistance	**400°C for 120'**
Rated current	**63A - 125A**
Operating voltage	**400V - 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/30/EU (EMC)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
CEI 64-20



Interlocked socket-outlets for fans up to 60kW for single-pole cables with mobile plug 400 °C 120' 50/60Hz IP66

Rated current (A)	Rated operating voltage	Poles	Auxiliary contact (AUX)	Palazzoli code	Pack Qty
63	380-415V	3P+⏚	1 NO	**151611**	1
	600-690V	3P+⏚	1 NO	**151612**	1

Equipment included: 1 63A 3P+⏚ IP67 plug in aluminium alloy.
External earthing terminal. 3 brass cable glands
Features: padlockable handle.
Notes: special configurations on request.



Interlocked socket-outlets for fans up to 60kW for multi-pole cables with mobile plug 400 °C 120' 50/60Hz IP66

Rated current (A)	Rated operating voltage	Poles	Auxiliary contact (AUX)	Palazzoli code	Pack Qty
63	380-415V	3P+⏚	1 NO	**151613**	1
	600-690V	3P+⏚	1 NO	**151614**	1

Equipment included: 1 63A 3P+⏚ IP67 plug in aluminium alloy.
External earthing terminal. 1 brass cable gland
Features: padlockable handle.
Notes: special configurations on request.

Dimensions on page 500

ALUPRES-T54

Fire-resistant socket-outlets for fans up to 60 kW



M40
Ø 15÷27mm

Reducers for large-section single-pole cables
400 °C 120' / 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
from 50 to 70	3x70	185x252x152	M32 (11-21)	**151533**	1
from 95 to 120	3x125	252x315x193	M40 (15-27)	**151534**	1
from 150 to 185	3x200	315x315x193	M40 (15-27)	**151535**	1

Features: provision for internal and external earth connection.
M40 exit for 3x25mm² or 3x16mm² cables.
Notes: special configurations on request.



M40
Ø 15÷27mm

Reducers for large-section multi-pole cables
400 °C 120' / 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
50	3x70	185x252x152	M50 (22-35)	**151531**	1
70	3x70	185x252x152	M63 (35-48)	**151532**	1

Features: provision for internal and external earth connection.
M40 exit for 3x25mm² or 3x16mm² cables.
Notes: special configurations on request.



Reducers for large-section single-pole cables
400 °C 120' / 850 °C 90'
IP66

Applications	Palazzoli code	Pack Qty
wall mounting with bracket	**151541**	1



Reducers for large-section multi-pole cables
400 °C 120' / 850 °C 90'
IP66

Applications	Palazzoli code	Pack Qty
for channel L 200mm	**151542**	1
for channel L 300mm	**151543**	1



Kit of screws in AISI 304 stainless steel for fixing socket-outlets for fans to the channel support strut

Applications	Palazzoli code	Pack Qty
fixing on channel rod	**151544**	1

ALUPRES-T54

Fire-resistant socket-outlets for fans up to 120 kW



Interlocked socket-outlets for fans
up to 120 kW in flange-ready enclosure
400 °C 120'
50/60Hz IP66

Rated current (A)	Rated operating voltage	Poles	Palazzoli code	Pack Qty
63	400-690V	3P+⏚	**151880**	1
125	400-690V	3P+⏚	**151881**	1

Notes: special configurations on request.



M32
Ø 11÷21mm

Stright mobile plugs for fans
up to 120 kW
400 °C 120'
50/60Hz IP66

Rated current (A)	Rated operating voltage	Poles	Entry type	Palazzoli code	Pack Qty
63	400-690V	3P+⏚	M32	**151890**	1
125	400-690V	3P+⏚	M50	**151891**	1



Supports for ceiling mounting
of socket-outlets for fans
up to 120 kW

Manufacturing material	Palazzoli code	Pack Qty
AISI 304 stainless steel	**151900**	1

Features: complete with adjustable support for ceiling, 50x30mm profile and socket fixing screws.



Flanges in aluminium alloy
for multi-pole cables
with brass cable gland
400 °C 120' / 830 °C 120'
IP66

Line cable glands	Tightening diameter (mm)	Palazzoli code	Pack Qty
M32	11-21	**151930**	1
M40	15-27	**151931**	1
M50	22-35	**151932**	1
M63	35-48	**151933**	1



Flanges in aluminium alloy
for single-pole cables
with brass cable gland
400 °C 120' / 830 °C 120'
IP66

Line cable glands	Tightening diameter (mm)	Palazzoli code	Pack Qty
3 x M25	8-16	**151940**	1
3 x M32	11-21	**151941**	1
3 x M40	15-27	**151942**	1



Line junction boxes
for power supply lines for tunnel fans
400 °C 120' / 830 °C 120'
IP66

Line cable cross-section (mm²)	Terminal poles per section (mm²)	Outer dimensions (mm)	Line cable glands (ømm)	Palazzoli code	Pack Qty
3x10	3x25	185x185x105	M40 (15-27)	**151553**	1
3x16					
3x25					
3x35	3x40	252x185x152	M40 (15-27)	**151564**	1
3x50	3x70	252x185x152	M50 (22-35)	**151575**	1
3x70	3x70	252x185x152	M63 (35-48)	**151585**	1

Notes: special configurations on request.

Dimensions on pages 473-499-500

Technical data on page 276

ALUPRES-T54

electrifies the 13 tunnels of the Quadrilatero



PUBLIC
TUNNELS
MARINE

Marine

Thanks to the knowledge acquired in more than one hundred years of experience on military ships and submarines, oil platforms and cruise ships, Palazzoli is now able to offer a series of products whose technology meets all the requirements of the sector.
Distribution turrets are available in AISI 316L stainless steel to withstand contact with brackish water.
The socket-outlets for supplying power to containers are equipped with a 10 kA rated current switch-disconnector.
All equipment is strictly watertight and complies with UNAV naval unification tables.





Ports



Ships



Aircraft carriers



UNAV turrets, socket-outlets and devices Page 265

B-SMART



B-SMART

Distribution turrets

ADVANTAGES



1

AISI 316L stainless steel can be installed in any environment. The mechanical structure, the thicknesses used and the compact dimensions make it solid and resistant to impact, whether accidental or vandalic,

Each turret is equipped with a unique multifunctional, energy-saving lighting device. This device makes the socket-outlets visible by radiating light on their profile, at the same time illuminating the walkway through the unbreakable opal polycarbonate porthole.



2



3

Each socket-outlet is individually protected by a high-sensitivity MCB to prevent the tripping occurring in a boat from cutting off power to other boats.

The clean, linear and elegant design in terms of shape and colour ensures perfect integration into the environment. Each turret is equipped with a double safety lock and a gasket that prevents insects and dust from penetrating into the interior compartments while maintaining its cleanliness and elegance.



4

B-SMART

Distribution turrets



Body material	**AISI 316L stainless steel**
Colour	**RAL 7035 Light grey (body)**
Protection rating	**IP56**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C5**
Insulation class	**II**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**16A - 32A - 63A**
Operating voltage	**400V - 690V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**
Lamp	**Fluorescent 11W 230V**
Power terminal block	**3P+N+⏚ 35 mm²**
Lamp holder	**Type E27**

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 61439-1
IEC/EN 61439-3
IEC/EN 61439-7
IEC/EN 63000

B-SMART

Distribution turrets



Turrets for wharfs
in AISI 316L stainless steel
with 2 fixed socket-outlets and 2 taps
50/60Hz IP56

Dimensions (mm)	Industrial socket-outlets 16A 2P+⏚ 230V	32A 2P+⏚ 230V	No. of taps	Palazzoli code	Pack Qty
360x895x208	2		2	**576100**	1
	1	1	2	**576101**	1

Features: switch compartment door with triangular safety lock. Cable strain relief device. Suitable for fastening onto concrete using max. M10 threaded pins (not included).



Turrets for wharfs
in AISI 316L stainless steel
with 4 interlocked socket-outlets and 4 taps
50/60Hz IP56

Dimensions (mm)	Industrial interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 2P+⏚ 230V	32A 3P+N+⏚ 400V	No. of taps	Palazzoli code	Pack Qty
360x895x276	4					4	**576200**	1
				4		4	**576201**	1
	2	2				4	**576202**	1
	2			2		4	**576203**	1
	2		2			4	**576205**	1
	2	1			1	4	**576206**	1

Features: switch compartment door with triangular safety lock. Cable strain relief device. Suitable for fastening onto concrete using max. M10 threaded pins (not included).



Turrets for wharfs
in AISI 316L stainless steel
with 2 interlocked socket-outlets and 2 taps
50/60Hz IP56

Dimensions (mm)	Industrial interlocked socket-outlets 16A 2P+⏚ 230V	32A 2P+⏚ 230V	32A 3P+N+⏚ 400V	63A 3P+N+⏚ 400V	No. of taps	Palazzoli code	Pack Qty
360x895x208	2				2	**576110**	1
	1	1			2	**576111**	1
360x895x276				2	2	**576112**	1
			1	1	2	**576113**	1

Features: switch compartment door with triangular safety lock. Cable strain relief device. Suitable for fastening onto concrete using max. M10 threaded pins (not included).



Turret for wharf end
in AISI 316L stainless steel
IP56

No. of EN50022 modules	Dimensions (mm)	Palazzoli code	Pack Qty
36 (12x3)	360x895x276	**576800**	1

Features: the protection devices can be mounted on EN60715 rail in 3 separate watertight insulating enclosures. The input and output of the power supply lines can be made from below. Suitable for fastening onto concrete using max. M10 threaded pins (not included).

B-SMART

Distribution turrets



Turrets for campsites
in AISI 316L stainless steel
with 4 fixed socket-outlets
50/60Hz IP56

Dimensions (mm)	Industrial socket-outlets 16A 2P+⏚ 230V	Palazzoli code	Pack Qty
360x895x276	4	**576401**	1

Features: switch compartment door with triangular safety lock. Cable strain relief device.
Suitable for fastening onto concrete using max. M10 threaded pins (not included).



Turrets for campsites
in AISI 316L stainless steel
with 4 interlocked socket-outlets
50/60Hz IP56

Dimensions (mm)	Interlocked industrial socket-outlets 16A 2P+⏚ 230V	Palazzoli code	Pack Qty
360x895x276	4	**576400**	1

Features: switch compartment door with triangular safety lock. Cable strain relief device.
Suitable for fastening onto concrete using max. M10 threaded pins (not included).



Fire prevention turret
in AISI 316L stainless steel
for an extinguisher
IP56

Housable extinguisher	Dimensions (mm)	Palazzoli code	Pack Qty
1 Fire extinguisher of 6 or 9 Kg	360x895x276	**576600**	1

Features: patented "SAFE CRASH" flat breakable glass
Suitable for fastening onto concrete using max. M10 threaded pins (not included).
Notes: Fire extinguisher not supplied.



Fire prevention turret
in AISI 316L stainless steel
with fire hose and nozzle
IP56

Equipment	Dimensions (mm)	Palazzoli code	Pack Qty
fire hose and nozzle	360x895x276	**576601**	1

Features: fire hose type 'gomel', Ø 45mm, 20 m. Lance type AWG UNI45 with 3 effects, complete with 1"1/2 UNI45 brass tap. Features: patented "SAFE CRASH" flat breakable glass
Suitable for fastening onto concrete using max. M10 threaded pins (not included).

Dimensions on page 501 *Technical data on page 284*

B-SMART

Distribution turrets



Raising base for turrets

For turret dimensions type	Application	Material	Palazzoli code	Pack Qty
360x895x208	Raising 65 mm and floor flush-mounted	stainless steel	**575701**	1
360x895x276			**575702**	1



SAFE CRASH breakable glass
for fire prevention turrets

Description	Palazzoli code	Pack Qty
patented "SAFE CRASH" flat breakable glass	**575706**	1



Decorative and containment frame
in AISI 316L stainless steel
for B-SMART turrets

Description	For turret dimensions type	Palazzoli code	Pack Qty
stainless steel frame complete with fixing screws	360x895x208	**575711**	1
stainless steel frame complete with fixing screws	360x895x276	**575710**	1



Door lock kit
for pier and campsite turrets

Description	Palazzoli code	Pack Qty
kit with 2 unified code keys	**575708**	1

Technical data on page 284

CONTAINERS

Fixed interlocked socket-outlets

Protection rating	**Thermosetting GRP page 104 Aluminium page 126 Technopolymer page 78**
Ambient operating temperature	**Thermosetting GRP page 104 Aluminium page 126 Technopolymer page 78**
Ambient storage temperature	**Thermosetting GRP page 104 Aluminium page 126 Technopolymer page 78**
Rated current	**32A 3P+⏚ 3h**
Operating voltage	**380/440V**
Insulation voltage	**690V**
Operating frequency	**50/60Hz**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

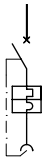
PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 60309-4
IEC/EN 63000

Electrical ratings of the switch			32A
Thermal current Ith		**A**	**32**
AC-21A	400V	A	32
AC-22A	400V	A	32
AC-23A	400V	A	32
AC-23A	400V	kW	17.7
AC-3	400V	kW	17.7

M32 ENTRY





Wall-mounted interlocked socket-outlet
in thermosetting GRP
with MCB protection
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**474771**	1

M25 ENTRY





Wall-mounted interlocked socket-outlet
in thermosetting GRP
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**469233**	1

M32 ENTRY





Wall-mounted interlocked socket-outlet
in thermosetting GRP
and DIN rail
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**472133**	1

Technical accessories:


page 160


page 170


page 114

Dimensions on page 468

Spare parts from page 428 to 431

CONTAINERS

Fixed interlocked socket-outlets

WINDOW F1





Wall-mounted interlocked socket-outlet
in aluminium alloy
with MCB protection
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**474486**	1

WINDOW F1



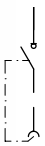


Wall-mounted interlocked socket-outlet
in aluminium alloy
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**460233**	1

WINDOW F1





Wall-mounted interlocked socket-outlet
in aluminium alloy
and DIN rail
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**472735**	1

Technical accessories:


page 60


page 138


page 114





Technopolymer interlocked socket-outlet
for distribution boards
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**491233**	1

Technical accessories:


page 60


page 84


page 85



15° angled technopolymer fixed
flush-mounted socket-outlet
for distribution board
50/60Hz IP66/IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Dimensions (mm)	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	88x100	3P+⏚	3	**489233**	1

Technical accessories:


page 60


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page 47

CONTAINERS

Fixed interlocked socket-outlets



Straight panel-mounted sockets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Dimensions (mm)	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	65x83	3P+⏚	3	**772233**	1

Technical accessories:



page 65



Straight mobile socket-outlets
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Dimensions (mm)	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	88x100	3P+⏚	3	**770233**	1



Panel-mounted straight rotoswitches
safety performance
50/60Hz IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Dimensions (mm)	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	65x83	3P+⏚	3	**412233**	1

Technical accessories:



page 101



page 101



Straight mobile plugs
50/60Hz
IP66/IP67/IP68/IP69

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
32	380/440	●	3P+⏚	3	**760233**	1

Technical accessories:



page 60

Dimensions on pages 458-460-466

Technical data on page 288

COINTAINER

electrifies Dubai's Jebel Ali commercial hub



UNAV

Boxes, sockets, switches and two-way switches

Body material	**Brass**
Colour	**RAL 7035 Light grey**
Protection rating	**IP66**
Impact resistance	**IK10**
Corrosivity category	**Equivalent to C2-H / C3-M**
Insulation class	**I**
Ambient operating temperature	**-25°C - +50°C**
Ambient storage temperature	**-30°C - +70°C**
Rated current	**10A - 16A**
Operating voltage	**230V**
Insulation voltage	**230V**
Operating frequency	**50/60Hz**



UNAV 2161 boxes
in marine grey painted brass
with terminal block and cable gland
UNAV 1948 IP66

Inner diameter (mm)	Terminal type	No. of cable glands	Palazzoli code	Pack Qty
62	4x6 mm²	2 opposites + 2 caps	**115628**	1

Equipment included: brass cable glands N24x1.5. Earth screws inside and outside the box
Features: terminal block with cage terminals.



UNAV 2166 socket-outlets
in marine grey painted brass
with UNAV 1948 cable glands
50/60Hz IP66

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	230	●	2P+⏚	6	**478213**	1

Equipment included: brass cable gland M24x1.5.
Features: contact holder insert in self-extinguishing thermosetting GRP.

Technical accessories:



page 60

DIRECTIVES

2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

IEC/EN 60309-1
IEC/EN 60309-2
IEC/EN 63000

Dimensions on page 501

UNAV

Boxes, sockets, switches and two-way switches



UNAV 1435 socket-outlets
in marine grey painted brass
with terminal block and cable glands
UNAV 1948 50/60Hz IP66

Rated current (A)	Rated voltage	Poles	No. of cable glands	Palazzoli code	Pack Qty
10	24V~	2P+⏚	1	**461121**	1
	127V~	2P+⏚	1	**461151**	1
	230V~	2P+⏚	1	**461131**	1

Equipment included: brass cable gland M24x1.5. Earth screws inside and outside the box.



UNAV 1436 interlocked socket-outlets
in marine grey painted brass
with UNAV 1436 cable glands
50/60Hz IP56

Rated current (A)	Rated voltage (V)	Poles	No. of cable glands	Palazzoli code	Pack Qty
10	230	2P+⏚	1	**462131**	1

Equipment included: brass cable glands N24x1.5. Earth screws inside and outside the box.



UNAV 1437 mobile plugs
with rubber sleeve and ring
50/60Hz IP56

Rated current (A)	Rated voltage	Poles	Palazzoli code	Pack Qty
10	24V~	2P+⏚	**467021**	10
	127V~	2P+⏚	**467051**	10
	230V~	2P+⏚	**467031**	10



UNAV 2162 rotary switches
in marine grey painted brass
with UNAV 1948 cable glands
250V IP66

Rated current (A)	Poles	No. of cable glands	Palazzoli code	Pack Qty
10	2	2 combined	**232627**	1
	2	2 opposite	**232637**	1

Equipment included: brass cable glands N24x1.5. Earth screws inside and outside the box.



UNAV 2162 rotary two-way switch
in marine grey painted brass
with UNAV 1948 cable glands
250V IP66

Rated current (A)	Poles	No. of cable glands	Palazzoli code	Pack Qty
10	2	2 combined	**232628**	1

Equipment included: brass cable glands N24x1.5. Earth screws inside and outside the box.



Brass cable gland
UNAV 1062 type

Threading	Palazzoli code	Pack Qty
M24x1.5	**585480**	10



Brass screw cap
with gaskets

Threading	Palazzoli code	Pack Qty
M24x1.5	**585490**	10



Washers
with seals

Manufacturing material	Diameter (mm)	Palazzoli code	Pack Qty
brass	10	**585408**	10
	13	**585412**	10
	16	**585415**	10

Lighting

Palazzoli provides customers with a range of solutions specifically designed to meet the needs of the most complex fields of application.





Industry

Page 299

INDUSTRIAL INTERIORS
OUTDOOR AREAS
SPORTS FACILITIES
WAREHOUSES
HANGARS
SHOPPING CENTRES

Atex

Page 365

ZONE 1
ZONE 2
ZONE 21
ZONE 22





Infrastructure

Page 397

TUNNELS
MOTORWAYS
ROADS
ROUNDABOUTS

Marine

Page 415

CRUISE SHIPS
MILITARY SHIPS
FERRIES
CARGO SHIPS
OFFSHORE PLATFORMS
SUBMARINES





Industry

Industrial plants, storage warehouses, sports and commercial centres and the food sectors are the fields of application for which Palazzoli has designed products with high lighting performance, great ease of installation and total absence of maintenance.
Thanks to the many mounting accessories available, the light fixtures can be installed in any environment, both indoors and outdoors.



Industrial interiors



Outdoor areas



Sports facilities



Industrial plants, storage warehouses, sports and commercial centres, and the food sectors are a field of application for which Palazzoli has designed products with high lighting performance, energy saving, extreme ease of installation and total absence of maintenance.



Warehouses



Hangars



Shopping centres



Floodlights Page 301

Light fixtures Page 319

Pendant light fixtures Page 319

Control systems Page 319

Traditional Page 319

TIGUA

lights up the Maranello swimming pool



Floodlights



TIGUA

5830 lm to 22900 lm
Page 305



XTIGUA

31390 lm to 118460 lm
Page 311



META

9190 lm to 18390 lm
Page 317

TIGUA



TIGUA floodlight

4,000 K - 230,000 h

ADVANTAGES



1

The body is made of EN 44300 aluminium alloy with low copper content, with passivation treatment and painting that make it suitable for harsh environments, corrosion class C5-M / C4-H.

This range of optics consists of 2 symmetrical beams, 4 asymmetrical beams and 1 suited to roadway; this makes it suitable for all kinds of installations, while guaranteeing optimum visual comfort. Optics are made with PMMA lenses, which ensure chromatic stability of light over time thanks to the non-yellowing characteristics of the material.



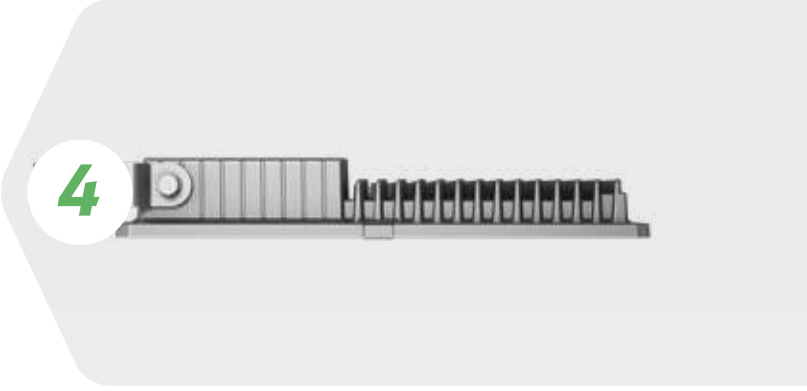
2



3

TIGUA's long service life is guaranteed by high-level electronic components, exclusive thermal management system, X-ray inspection of LED welds, 100% testing with 24-hour burn-in cycles, and Gore-Tex® anti-condensation breathing valve.

The TIGUA is a very powerful light fixture, while being compact and easy to handle: 6.5 kg only. The device features a connector that enables a quick connection to the power grid, with no need to open the device.



4

TIGUA floodlight

4,000 K - 230,000 h



Body material	**Low-copper aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**U bracket with adjustment range of -135° to 135°**
Ambient operating temperature	**-30°C - +40°C**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 131 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 70 according to EN 62717**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**8 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

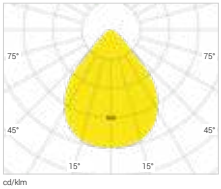
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions with operating temperatures up to +55 °C and colour temperatures from 3000K to 6500K can be made.



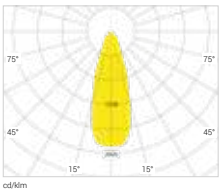
TIGUA floodlight

4,000 K - 230,000 h



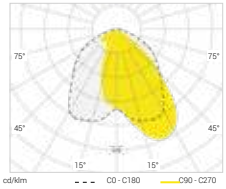
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837011**
95	14004	11670			**837012**
130	19369	16141			**837013**
140	21958	18298			**837024**
188	27480	22900			**837025**



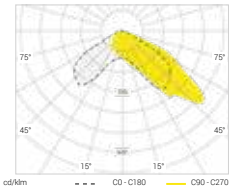
Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837111**
95	14004	11670			**837112**
130	19369	16141			**837113**
140	21958	18298			**837124**
188	27480	22900			**837125**



Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837211**
95	14004	11670			**837212**
130	19369	16141			**837213**
140	21958	18298			**837224**
188	27480	22900			**837225**



Asymmetrical 50° extra wide beam optics

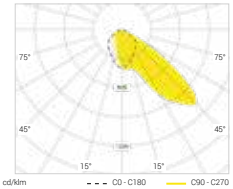
Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837711**
95	14004	11670			**837712**
130	19369	16141			**837713**
140	21958	18298			**837724**
188	27480	22900			**837725**

Equipment included: wall-mounting bracket.
Power supply with 3P quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.



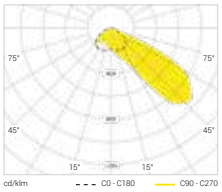
TIGUA floodlight

4,000 K - 230,000 h



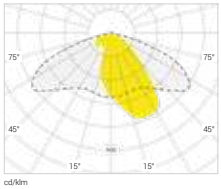
Asymmetrical 43° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837311**
95	14004	11670			**837312**
130	19369	16141			**837313**
140	21958	18298			**837324**
188	27480	22900			**837325**



Asymmetrical 55° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837511**
95	14004	11670			**837512**
130	19369	16141			**831513**
140	21958	18298			**837524**
188	27480	22900			**837525**



Roadway optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
48	7002	5835	glass	on-off	**837411**
95	14004	11670			**837412**
130	19369	16141			**837413**
140	21958	18298			**837424**
188	27480	22900			**837425**

Notes: version with built-in pole-top mounting available on request.

Equipment included: wall-mounting bracket.
Power supply with 3P quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 502 *Technical data on page 304*

Accessories TIGUA floodlight





Protection guard

Manufacturing material	Palazzoli code
galvanised steel	**811911**



Support for wall mounting with projecting arm – 750mm projection

Manufacturing material	Palazzoli code
painted galvanised steel	**811914**



Universal mounting bracket for pole-top installation for 60 mm and 76 mm nominal pole Ø

Manufacturing material	Palazzoli code
painted galvanised steel	**811908**



Kit consisting of collar and plate for 60 mm and 76 mm nominal Ø poles

Manufacturing material	Palazzoli code
painted galvanised steel	**811912**



3 way through-wiring connector 16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.

EXAMPLE OF THROUGH-WIRING CONNECTION 818905



1 input connector and 2 output connectors which can be closed by caps when not connected.
IP66/IP68: protected against penetration of water, dust and pressurized water jets.
Quick installation: no terminal blocks are required for wiring.

XTIGUA



XTIGUA floodlight

4,000 K - 230,000 h

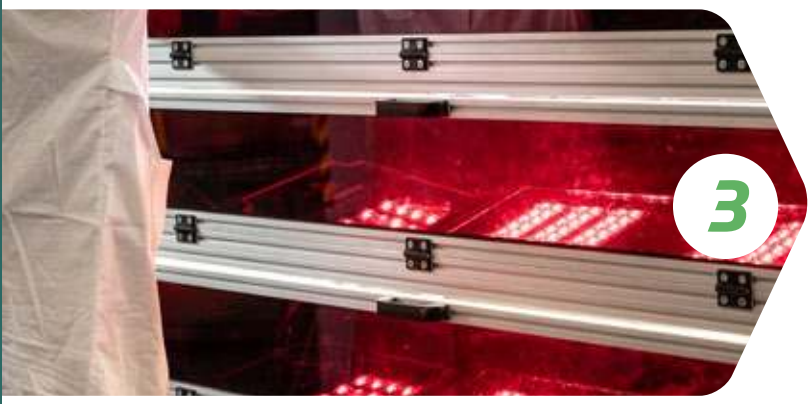
ADVANTAGES



The body is made of EN 44300 aluminium alloy with low copper content, with passivation treatment and painting that make it suitable for harsh environments, corrosion class C5-M / C4-H.

This range of optics consists of 2 symmetrical and 4 asymmetrical beams; this makes it suitable for all kinds of installations, while ensuring the best visual comfort. Optics are made with PMMA lenses, which ensure chromatic stability of light over time thanks to the non-yellowing characteristics of the material.





XTIGUA's long service life is guaranteed by high-level electronic components, exclusive thermal management system, X-ray inspection of LED welds, 100% testing with 24-hour burn-in cycles, and Gore-Tex® anti-condensation breathing valve.

The driver, built into the luminaire, allows for fast and secure cabling.The device features a connector that enables a quick connection to the power grid, with no need to open the device.



XTIGUA floodlight

4,000 K - 230,000 h



Body material	**Low-copper aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**U bracket with adjustment range of -110° to 110°**
Ambient operating temperature	**-30°C - +35°C**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 134 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 70 according to EN 62717**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**10 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

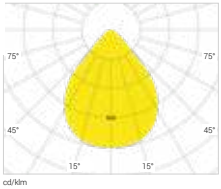
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions with operating temperatures up to +55 °C and colour temperatures from 3000K to 6500K can be made.



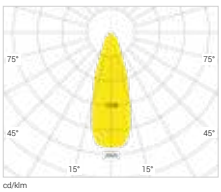
XTIGUA floodlight size **M**

4,000 K - 230,000 h



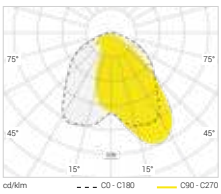
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
236	37665	31388	glass	DALI	**838036DA**
309	49316	41097			**838048DA**



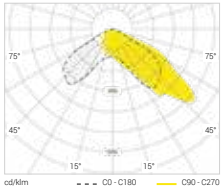
Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
236	37665	31388	glass	DALI	**838136DA**
309	49316	41097			**838148DA**



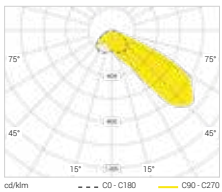
Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
236	37665	31388	glass	DALI	**838236DA**
309	49316	41097			**838248DA**



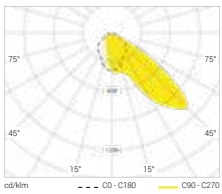
Asymmetrical 50° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
236	37665	31388	glass	DALI	**838736DA**
309	49316	41097			**838748DA**



Asymmetrical 43° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
236	37665	31388	glass	DALI	**838336DA**
309	49316	41097			**838348DA**



Asymmetrical 55° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
236	37665	31388	glass	DALI	**838536DA**
309	49316	41097			**838548DA**

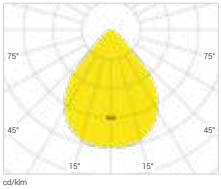
Equipment included: wall-mounting bracket.
Power supply with 5Px1.5mm² quick connector and 1.5mm² H07RN-F cable.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 502 *Technical data on page 310*



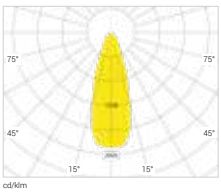
XTIGUA floodlight size L

4,000 K - 230,000 h



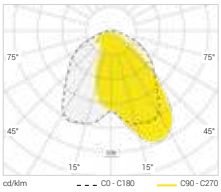
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
368	58733	48944	glass	DALI	**838060DA**
442	70543	59228			**838072DA**



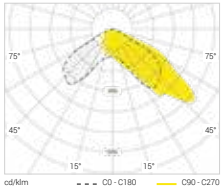
Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
368	58733	48944	glass	DALI	**838160DA**
442	70543	59228			**838172DA**



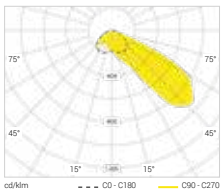
Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
368	58733	48944	glass	DALI	**838260DA**
442	70543	59228			**838272DA**



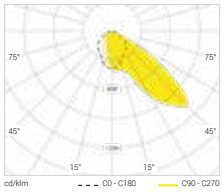
Asymmetrical 50° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
368	58733	48944	glass	DALI	**838760DA**
442	70543	59228			**838772DA**



Asymmetrical 43° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
368	58733	48944	glass	DALI	**838360DA**
442	70543	59228			**838372DA**



Asymmetrical 55° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
368	58733	48944	glass	DALI	**838560DA**
442	70543	59228			**838572DA**

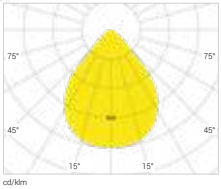
Equipment included: wall-mounting bracket.
Power supply with 5Px1.5mm² quick connector and 1.5mm² H07RN-F cable.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 502 *Technical data on page 310*



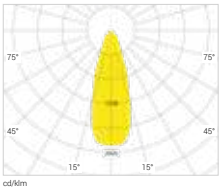
XTIGUA floodlight size **XL**

4,000 K - 230,000 h



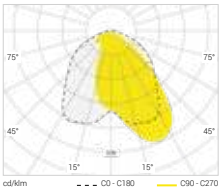
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
618	98632	82194	glass	DALI	**838096DA**



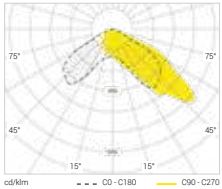
Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
618	98632	82194	glass	DALI	**838196DA**



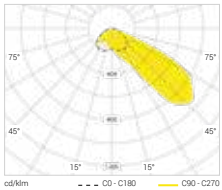
Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
618	98632	82194	glass	DALI	**838296DA**



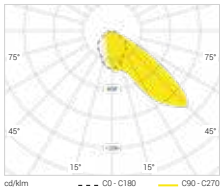
Asymmetrical 50° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
618	98632	82194	glass	DALI	**838796DA**



Asymmetrical 43° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
618	98632	82194	glass	DALI	**838396DA**



Asymmetrical 55° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
618	98632	82194	glass	DALI	**838596DA**

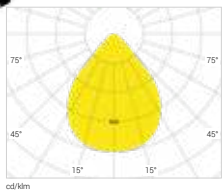
Equipment included: wall-mounting bracket.
Power supply with 5Px1.5mm² quick connector and 1.5mm² H07RN-F cable.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 502 *Technical data on page 310*



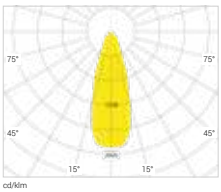
XTIGUA floodlight size XXL

4,000 K - 230,000 h



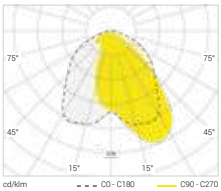
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
736	117500	97888	glass	DALI	**838012DA**
884	141000	118456			**838014DA**



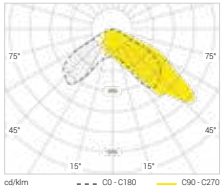
Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
736	117500	97888	glass	DALI	**838112DA**
884	141000	118456			**838114DA**



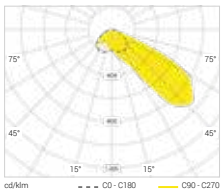
Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
736	117500	97888	glass	DALI	**838212DA**
884	141000	118456			**838214DA**



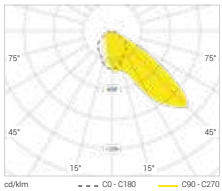
Asymmetrical 50° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
736	117500	97888	glass	DALI	**838712DA**
884	141000	118456			**838714DA**



Asymmetrical 43° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
736	117500	97888	glass	DALI	**838312DA**
884	141000	118456			**838314DA**



Asymmetrical 55° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
736	117500	97888	glass	DALI	**838512DA**
884	141000	118456			**838514DA**

Equipment included: wall-mounting bracket.
Power supply with 5Px1.5mm² quick connector and 1.5mm² H07RN-F cable.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 502 *Technical data on page 310*

Accessories XTIGUA floodlight





Protection grid for XTIGUA LED floodlights
Size M, XL

Manufacturing material	Palazzoli code
galvanised steel	**818992**

Notes: for sizes XL and XXL use 2 grids.



Protection grid for XTIGUA LED floodlights
Size L, XXL

Manufacturing material	Palazzoli code
galvanised steel	**818993**

Notes: for sizes XL and XXL use 2 grids.



Cross beam for pole-top installation for 1 XTIGUA series floodlight

Manufacturing material	Palazzoli code
painted galvanised steel	**818990**

Notes: cross beam suitable for mounting up to 2x floodlights of size M, L or XL.
For size XXL, the cross beam code is 818991.
The cross beam can be installed on ø 60 to ø 76 mm poles.



Cross beam for pole-top installation for 2 or 4 XTIGUA series floodlights

Manufacturing material	Palazzoli code
painted galvanised steel	**818991**

Notes: cross beam suitable for mounting up to 2 floodlights size L, XXL or 4 floodlights size M, XL. The cross beam can be installed on ø 60 to ø 76 mm poles.



3 way through-wiring connector
16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.

EXAMPLE OF THROUGH-WIRING CONNECTION 818905



1 input connector and 2 output connectors which can be closed by caps when not connected.
IP66/IP68: protected against penetration of water, dust and pressurized water jets.
Quick installation: no terminal blocks are required for wiring.

META floodlight

4,000 K - 110,000 h



Body material	**Aluminium alloy (EN 46100)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66/IP67**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C4-M / C3-H**
Mounting system	**U-bracket with adjustment**
Ambient operating temperature	**-30°C - +40°C**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 93 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B20 110,000h Tq= +40°C**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**10 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

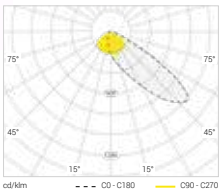
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions with operating temperatures up to +55 °C and colour temperatures from 3000K to 6500K can be made.



META floodlight

4,000 K - 110,000 h



Asymmetrical 50° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
99	13230	9193	glass	dimmable 1-10V	**810296**
133	17640	12258			**810226**
168	22050	15322			**810256**
199	26460	18387			**810286**





Protection guard

Manufacturing material	Palazzoli code
galvanised steel	**810993**



Kit consisting of collar and plate for 60 mm and 76 mm nominal Ø poles

Manufacturing material	Palazzoli code
painted galvanised steel	**811912**



Universal mounting bracket for pole-top installation for 60 mm and 76 mm nominal pole Ø

Manufacturing material	Palazzoli code
painted galvanised steel	**811908**



3 way through-wiring connector 16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.
Example of through-wiring connection 818905 on page 315.

Equipment included: adjustable bracket for installation on walls or supporting structures (poles, light towers).
Power supply with 5P quick connector. Suitable for lighting outdoor areas and sports facilities.
The stated flux and power values may be subject to a +/- 7% tolerance.

META

illuminates the Schönbrunn Palace in Vienna



Light fixtures, pendants and control

CONTROL



IMPERIUM
with DALI wiring

Page 351



IMPERIUM
wireless

Page 353

TRADITIONAL



RINO
fluorescent

Page 355



RINO
E27, G23

Page 357



RINO
E27

Page 358

LIGHT FIXTURES



RINO LED
From 3560 lm
to 15020 lm
Page 323

PENDANTS



META150
From 10600 lm
to 30880 lm
Page 331



META
From 8140 lm
to 21660 lm
Page 333



TIGUA
From 3300 lm
to 22100 lm
Page 339



XTIGUA
From 21580 lm
to 48800 lm
Page 345

RINO



RINO LED

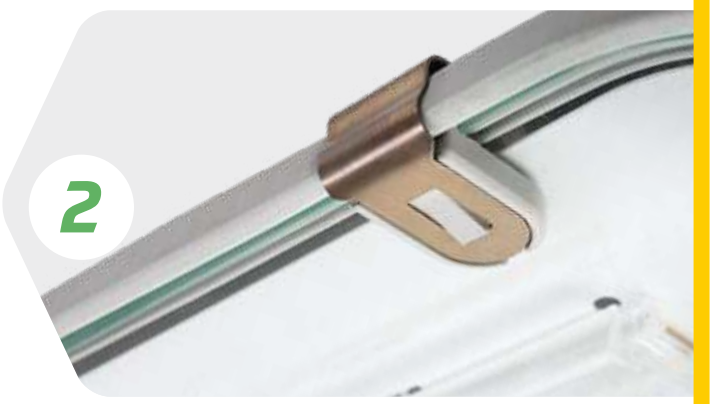
4,000 K - 50,000 h

ADVANTAGES



The fastening system with eyebolts enables the device to be mounted to the ceiling without opening it. The light fixture is powered by means of a connector for quick connection to the power grid.

The stainless steel casing and the total absence of weld joints guarantee a high resistance to corrosion and aggressive atmospheres.





The latest generation of LED technology ensures high luminous efficacy up to 181 lm/W.

The extra wide beam, narrow beam and comfort optics use specialist lenses with a glare index of UGR<22.



RINO LED

4,000 K - 50,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 60598-2-24
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

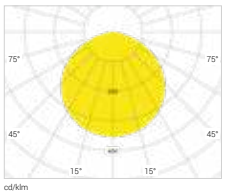
Body material	**AISI 304 stainless steel Painted galvanised steel**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9016 (painted galvanised steel version)**
Diffuser material	**Tempered glass and UV stabilised polycarbonate**
Protection rating	**IP66**
Impact resistance	**IK09**
Corrosivity category	**Equivalent to C5-H AISI 304 stainless steel C5-M / C4-H painted galvanised steel**
Mounting system	**Pair of eyebolts in AISI 304 stainless steel**
Ambient operating temperature	**-30°C - +45°C 0°C - +35°C (emergency versions) -30°C - +55°C (HT versions)**
Ambient storage temperature	**-40°C - +70°C -30°C - +50°C (emergency versions)**
Actual efficacy of the device	**Up to 181 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 3-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 3%**
Luminous flux maintenance	**L80 B10 @50,000 h Tq= +25°C Tq= +55°C (HT versions) L80 B10 @90,000 h Tq= +25°C (high efficiency versions)**
Emergency battery lifetime	**1h - 3h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**2 kV common mode and differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**1.5 mm²**
Entry cable diameter	**9 to 12 mm**

Special versions can be made by combining materials, optics, power supplies and operating temperatures. Feed-through wiring versions are also available, in AISI 316L stainless steel and with colour temperatures from 3000K to 6500K.



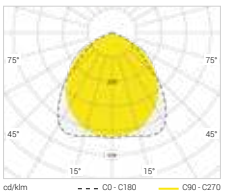
RINO LED 690 mm

4,000 K - 50,000 h



Symmetrical 110° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
AISI 304 stainless steel					
26	4100	3692	glass	on-off	**822182**
40	6440	5640			**822282**
High efficiency 90,000 h					
53	10890	8957	glass	on-off	**822682**
Painted galvanised steel					
26	4100	3692	glass	on-off	**842182**
40	6440	5640			**842282**
Emergency					
26	4100	3692 770 in EM	glass	on-off emergency 1h	**842180**
40	6440	5640 940 in EM			**842280**
High efficiency 90,000 h					
53	10890	8957	glass	on-off	**842682**



Symmetrical extra wide beam optics, comfort 88°

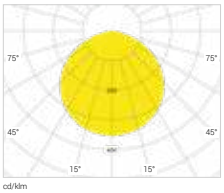
Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
AISI 304 stainless steel					
26	4100	3562	glass	on-off	**821182**
40	6440	5400			**821282**
HACCP food safety					
26	4100	3562	HACCP polycarbonate	on-off	**826182**
40	6440	5400			**826282**
Emergency					
26	4100	3562 770 in EM	glass	on-off emergency 1h	**821180**
40	6440	5400 940 in EM			**821280**
26	4100	3562 770 in EM		on-off emergency 3h	**821183**
40	6440	5400 940 in EM			**821283**
High efficiency 90,000 h					
53	10890	8530	glass	on-off	**821682**
Painted galvanised steel					
26	4100	3562	glass	on-off	**841182**
40	6440	5400			**841282**
HACCP food safety					
26	4100	3562	HACCP polycarbonate	on-off	**846182**
40	6440	5400			**846282**
High efficiency 90,000 h					
53	10890	8530	glass	on-off	**841682**

Equipment included: pair of AISI 304 stainless steel eyebolts for pendant mounting.
Power supply with quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.



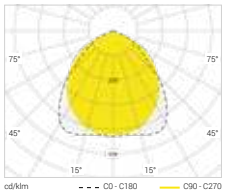
RINO LED 1300 mm

4,000 K - 50,000 h



Symmetrical 110° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
AISI 304 stainless steel					
52	8200	7384	glass	on-off	**822382**
63	11000	8946			**822482**
75	12200	10575			**822582**
High efficiency 90,000 h					
83	17940	15020	glass	on-off	**822782**
Painted galvanised steel					
52	8200	7384	glass	on-off	**842382**
63	11000	8946			**842482**
75	12200	10575			**842582**
Emergency					
52	8200	7384 940 in EM	glass	on-off emergency 1h	**842380**
High efficiency 90,000 h					
83	17940	15020	glass	on-off	**842782**



Symmetrical extra wide beam optics, comfort 88°

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
AISI 304 stainless steel					
52	8200	7072	glass	on-off	**821382**
63	11000	8631			**821482**
75	12200	9900			**821582**
52	8200	7072		DALI	**821382DA**
55	9547	7518			**821482DA**
71	11947	9428			**821582DA**
HACCP food safety					
52	8200	7072	HACCP polycarbonate	on-off	**826382**
63	11000	8631			**826482**
75	12200	9900			**826582**
52	8200	7072		DALI	**826382DA**
55	9547	7518			**826482DA**
71	11947	9428			**826582DA**
High efficiency 90,000 h					
83	17940	13871	glass	on-off	**821782**
Painted galvanised steel					
52	8200	7072	glass	on-off	**841382**
63	11000	8631			**841482**
75	12200	9900			**841582**
HACCP food safety					
52	8200	7072	HACCP polycarbonate	on-off	**846382**
63	11000	8631			**846482**
75	12200	9900			**846582**
High efficiency 90,000 h					
83	17940	13871	glass	on-off	**841782**

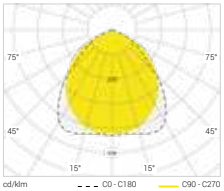
Equipment included: pair of AISI 304 stainless steel eyebolts for pendant mounting.
Power supply with quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 503 *Technical data on page 322*



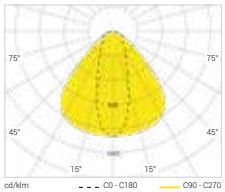
RINO LED 1300 mm

4,000 K - 50,000 h



Symmetrical extra wide beam optics, comfort 88°

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
AISI 304 stainless steel Emergency					
52	8200	7072 940 in EM	glass	on-off emergency 1h	**821380**
63	11000	8631 940 in EM			**821480**
75	12200	9900 940 in EM			**821580**
52	8200	7072 940 in EM		on-off emergency 3h	**821383**
63	11000	8631 940 in EM			**821483**
75	12200	9900 940 in EM			**821583**
High temperature +55°C					
33	5738	4700	glass	on-off	**821382HT**
45	7919	6404			**821482HT**
54	8830	7600			**821582HT**
HACCP food emergency					
52	8200	7072 940 in EM	HACCP polycarbonate	on-off emergency 1h	**826380**
63	11000	8631 940 in EM			**826480**
75	12200	9900 940 in EM			**826580**
52	8200	7072 940 in EM		on-off emergency 3h	**826383**
63	11000	8631 940 in EM			**826483**
75	12200	9900 940 in EM			**826583**
HACCP food high temperature +55 °C					
33	5738	4700	HACCP polycarbonate	on-off	**826382HT**
45	7919	6404			**826482HT**
54	8830	7600			**826582HT**



30°x 90° symmetrical narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
AISI 304 stainless steel					
52	8200	6500	glass	on-off	**820382**
63	11000	8001			**820482**
75	12200	9375			**820582**
HACCP food safety					
52	8200	6500	HACCP polycarbonate	on-off	**825382**
63	11000	8001			**825482**
75	12200	9375			**825582**
Painted galvanised steel					
52	8200	6500	glass	on-off	**840382**
63	11000	8001			**840482**
75	12200	9375			**840582**
HACCP food safety					
52	8200	6500	HACCP polycarbonate	on-off	**845382**
63	11000	8001			**845482**
75	12200	9375			**845582**

Equipment included: pair of AISI 304 stainless steel eyebolts for pendant mounting.
Power supply with quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.

Accessories RINO LED





Pair of adjustable supports
for wall or ceiling installation

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820010**



Pairs of hooks
for pendant mounting

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820011**



Pair of collars
for mounting steel light fixtures
on tube

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820016**



3 way through-wiring connector
16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.



Pairs of "V" supports
for ceiling installation

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820017**



Pendant mounting
and ceiling adaptation kit

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820018**

Notes: in the case of relamping, the adapter kit enables to adjust the fixing distances of the light fixture to those already present in the system.



Quick fastening kit
for ceiling mounting

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820019**

EXAMPLE OF THROUGH-WIRING CONNECTION 818905



1 input connector and 2 output connectors which can be closed by caps when not connected.
IP66/IP68: protected against penetration of water, dust and pressurized water jets.
Quick installation: no terminal blocks are required for wiring.



Retrofit kit
for light fixtures
690 mm and
1300 mm

Manufacturing material	Power (W)	Length (mm)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Version	Palazzoli code
extra clear tempered glass	26	690	4100	3562	on-off	**821184**
	52	1300	8200	7072		**821384**

RINO LED

illuminates the San Giorgio Bridge in Genoa



META150



META150 pendant mounting

4,000 K - 230,000 h

ADVANTAGES



1

The efficient thermal management system and the air recirculation valve ensure that electronic devices remain in optimal condition over time.

The innovative pendant mounting system allows inefficient light fixtures to be replaced with a simple remove and replace operation with no need of adjustments and regulations. Each META150 comes with a watertight connector for quick plug and play connection.

2





3

META150 can be mounted as a pendant, on busbar, ceiling, pole, wall, light tower and catenary wire.

META150 received special recognition in Germany: Red Dot Design Award, the world's most important and prestigious design award.

reddot design award

4



META150 pendant mounting

4,000 K - 230,000 h



Body material	**Aluminium alloy (EN 46100)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass or polycarbonate**
Protection rating	**IP66/IP67**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C4-M / C3-H**
Mounting system	**Quick connection for pendant mounting**
Ambient operating temperature	**-30°C - +40°C -30°C - +50°C (high efficacy versions) -30°C - +60°C (HT versions)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 151 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 3-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Glare index	**UGR < 22**
Residual flicker	**< 1%**
Luminous flux maintenance	**L90 B10@110,000 h Tq= +40°C L90 B10@230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**10 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

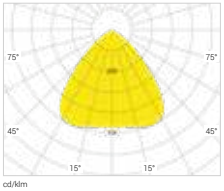
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-24
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions with operating temperatures up to +55 °C and colour temperatures from 3000K to 6500K can be made.



META150 pendant mounting

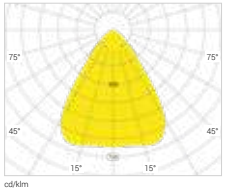
4,000 K - 230,000 h



Extra wide beam optics, comfort 90°

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
117	19600	16349	glass	DALI	**810630DA**
156	26100	21798			**810640DA**
179	30800	25712			**810650DA**
215	37000	30883			**810660DA**
High temperature +60 °C					
73	12700	10775	glass	DALI	**810430HT**
97	16900	14317			**810440HT**
112	20300	16912			**810450HT**
134	24200	20234			**810460HT**
High efficacy					
96	16300	13632	glass	DALI	**810430DA**
129	21900	18318			**810440DA**
151	26600	22197			**810450DA**
181	31700	26426			**810460DA**
HACCP food safety					
117	19600	16349	HACCP polycarbonate	DALI	**810432DA**
156	26100	21798			**810442DA**
179	30800	25712			**810452DA**
215	37000	30883			**810462DA**

Notes: recommended installation height: between 5 m and 8 m.



75° medium beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
117	19600	16022	glass	DALI	**810631DA**
156	26100	21362			**810641DA**
179	30800	25193			**810651DA**
215	37000	30260			**810661DA**
High temperature +60 °C					
73	12700	10600	glass	DALI	**810431HT**
97	16900	14085			**810441HT**
112	20300	16576			**810451HT**
134	24200	19832			**810461HT**
High efficacy					
96	16300	13440	glass	DALI	**810431DA**
129	21900	18060			**810441DA**
151	26600	21895			**810451DA**
181	31700	26064			**810461DA**
HACCP food safety					
117	19600	16022	HACCP polycarbonate	DALI	**810433DA**
156	26100	21362			**810443DA**
179	30800	25193			**810453DA**
215	37000	30260			**810463DA**

Notes: recommended installation height: between 6 m and 9 m.

Devices designed for operation in centralised emergency lighting systems (Vac/Vdc).
Special versions with the stand-alone emergency kit are available on request.
Equipment included: pendant quick connection Power supply with 5P quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.

META pendant mounting

4,000 K - 110,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 60598-2-24
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

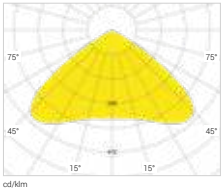
Body material	**Aluminium alloy (EN 46100)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass or polycarbonate**
Protection rating	**IP66/IP67**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C4-M / C3-H**
Mounting system	**Quick connection for pendant mounting**
Ambient operating temperature	**-30°C - +40°C -30°C - +55°C (HT versions)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 110 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B20@110,000h Tq= +40°C Tq= +55 °C (HT versions)**
Emergency battery lifetime	**1h - 3h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**10 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

Special versions can be requested by combining materials, optics and operating temperatures.



META pendant mounting

4,000 K - 110,000 h



110° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
99	13230	10830	glass	dimmable 1-10V	**810090**
133	17640	14439			**810020**
168	22050	18049			**810050**
199	26460	21659			**810080**

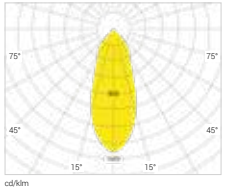
Emergency

99	13230	10830 770 in EM	glass	dimmable 1-10V 1h - 3h emergency	**810190**
133	17640	14439 770 in EM			**810120**
168	22050	18049 770 in EM			**810150**
199	26460	21659 770 in EM			**810180**

High temperature +55°C

76	10187	8339	glass	dimmable 1-10V	**810090HT**
102	13583	11118			**810020HT**
128	16979	13898			**810050HT**
153	20374	16677			**810080HT**

Notes: recommended installation height: between 4 m and 8 m.



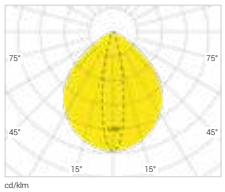
41° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
99	13230	10572	glass	dimmable 1-10V	**810091**
133	17640	14096			**810021**
168	22050	17620			**810051**
199	26460	21144			**810081**

High temperature +55 °C

76	10187	8140	glass	dimmable 1-10V	**810091HT**
102	13583	10854			**810021HT**
128	16979	13567			**810051HT**
153	20374	16281			**810081HT**

Notes: recommended installation height: between 6 m and 9 m.



92°x20° elliptical beam optics

99	13230	9965	glass	dimmable 1-10V	**810092**
133	17640	13287			**810022**
168	22050	16609			**810052**
199	26460	19931			**810082**

Notes: recommended installation height: between 6 m and 9 m.

*The emergency version is to be completed with the kit on page 334.
Features: the extra wide beam and the narrow beam optics are supplied with quick connection for pendant mounting, the elliptical optics is equipped with a double-chain bracket.
Power supply with 5P quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.

Accessories META150 and META pendant mounting



Adjustable bracket
for wall installation
poles and light towers

Manufacturing material	Palazzoli code
galvanised steel	**810999**



Catenary wire installation bracket
0-90° adjustable

Manufacturing material	Palazzoli code
galvanised steel	**810994**



0-90° swivelling attachment
for double chain
and busbar installation

Manufacturing material	Palazzoli code
galvanised steel	**810996**



Bracket for double chain
and busbar installation

Manufacturing material	Palazzoli code
galvanised steel	**810997**



Bracket
for ceiling installation

Manufacturing material	Palazzoli code
galvanised steel	**810998**



Bracket for installation
with Ø 60 mm pole

Manufacturing material	Palazzoli code
galvanised steel	**810995**



3 way through-wiring connector
16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.

EXAMPLE OF THROUGH-WIRING CONNECTION 818905



1 input connector and 2 output connectors which can be closed by caps when not connected.
IP66/IP68: protected against penetration of water, dust and pressurized water jets.
Quick installation: no terminal blocks are required for wiring.



Emergency kit 1h

+ 40°C
0°C

Manufacturing material	Palazzoli code
aluminium alloy	**810992**



Emergency kit 3h

+ 40°C
0°C

Manufacturing material	Palazzoli code
aluminium alloy	**810991**

Emergency kit
Features: 1 M20 entry and 1 exit with connector.
Notes: the interface bracket is designed for double fixed chain connection and quick-connection for pendant mounting.
When performing the horizontal pole mounting, adjustable mounting, ceiling mounting and adjustable bracket mounting, the emergency kit must be mounted close to the device (max. 1.5 m).

META150

illuminates Cembre S.p.A. in Brescia



TIGUA



TIGUA pendant mounting

4,000 K - 120,000 h

ADVANTAGES



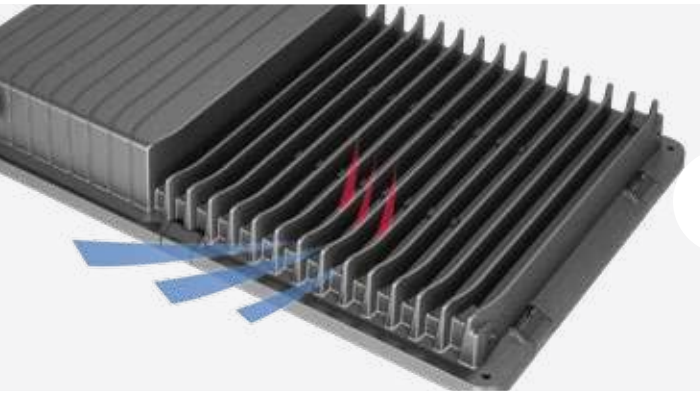
1

The body is made of EN 44300 aluminium alloy with low copper content, with passivation treatment and painting that make it suitable for harsh environments, corrosion class C5-M / C4-H.

Optics are made with PMMA lenses, which ensure chromatic stability of light over time thanks to the non-yellowing characteristics of the material. Colour rendering is ensured by the use of light sources with Colour Rendering Index (CRI) ≥ 80. The TIGUA uses flicker-free power supplies and is free from photobiological risks.



2



3

TIGUA's long service life is guaranteed by high-level electronic components, exclusive thermal management system, X-ray inspection of LED welds, 100% testing with 24-hour burn-in cycles, and Gore-Tex® anti-condensation breathing valve.

The TIGUA is a very powerful light fixture, while being compact and easy to handle: 6.5 kg only. The device features a connector that enables a quick connection to the power grid, with no need to open the device.



4

TIGUA pendant mounting

4,000 K - 120,000 h



Body material	**Low-copper aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass or polycarbonate**
Protection rating	**IP66**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**Pendant mounting**
Ambient operating temperature	**-30°C - +40°C -30°C - +55°C (HT versions)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 122 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B20 120,000h Tq= +40°C Tq= +55 °C (HT versions)**
Emergency battery lifetime	**1h - 3h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**8 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**1.5 mm²**
Entry cable diameter	**9 to 12 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

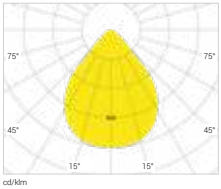
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions can be made by combining materials, optics and operating temperatures. It is possible to supply products with insulation class II and colour temperatures from 3000K to 6500K.



TIGUA pendant mounting

4,000 K - 120,000 h

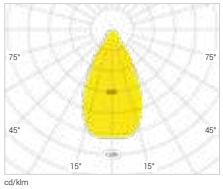


Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
33	4625	3958	glass	dimmable 1-10V	**817304**
67	9250	8064			**817308**
99	13875	11944			**817312**
132	18500	15926			**817316**
153	23125	18032			**817320**
182	27750	22100			**817324**
33	4625	3958		DALI	**817304DA**
67	9250	8064			**817308DA**
99	13875	11944			**817312DA**
132	18500	15926			**817316DA**
153	23125	18032			**817320DA**
182	27750	22100			**817324DA**
High temperature +55°C					
33	4625	3477	glass	dimmable 1-10V	**817304HT**
67	9250	6954			**817308HT**
99	11575	8593			**817312HT**
132	15434	10990			**817316HT**
153	18135	13292			**817320HT**
182	21761	15746			**817324HT**
HACCP food safety					
33	4625	3958	HACCP polycarbonate	dimmable 1-10V	**817504**
67	9250	8064			**817508**
99	13875	11944			**817512**
132	18500	15926			**817516**
153	23125	18032			**817520**
182	27750	22100			**817524**
Emergency					
33	4625	3958 995 in EM	glass	dimmable 1-10V 1h - 3h emergency	**817305**
67	9250	8064 995 in EM			**817309**
99	13875	11944 995 in EM			**817313**
132	18500	15926 995 in EM			**817317**
153	23125	18032 995 in EM			**817321**
182	27750	22100 995 in EM			**817325**

Notes: recommended installation height: between 4 m and 7 m.

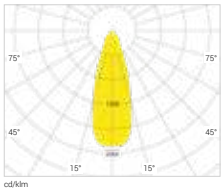
*The emergency version is to be completed with the kit on page 340.
Equipment included: double chain bracket and busbar.
Power supply with 5P quick connector.
The stated flux and power values may be subject to a +/- 7% tolerance.



55° medium symmetric optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
33	4625	3789	glass	dimmable 1-10V	**817354**
67	9250	7577			**817358**
99	13875	11218			**817362**
132	18500	14957			**817366**
145	23125	17069			**817370**
170	27750	20208			**817374**

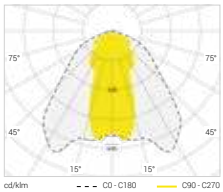
Notes: recommended installation height: between 5 m and 8 m.



Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
33	4625	3757	glass	dimmable 1-10V	**817404**
67	9250	7515			**817408**
99	13875	11123			**817412**
132	18500	14831			**817416**
145	23125	16924			**817420**
170	27750	20034			**817424**

Notes: recommended installation height: over 6 m.



95°x41° elliptical beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
33	4625	3864	glass	dimmable 1-10V	**817454**
67	9250	7728			**817458**
99	13875	11444			**817462**
132	18500	15258			**817466**
153	23125	17418			**817470**
182	27750	20627			**817474**

Notes: suitable for installation between the aisles of industrial warehouses.

Accessories TIGUA pendant mounting





0 - 90° adjustable connection
for catenary wire installation

Manufacturing material	Palazzoli code
galvanised steel	**811921**



Set of brackets
for installation
with 60 mm Ø pole

Manufacturing material	Palazzoli code
galvanised steel	**811920**



Swivelling connection 0 - 90°
for double chain
and busbar installation

Manufacturing material	Palazzoli code
galvanised steel	**811919**



Kit with bracket
for ceiling installation

Manufacturing material	Palazzoli code
galvanised steel	**811916**



3 way through-wiring connector
16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.

EXAMPLE OF THROUGH-WIRING CONNECTION 818905



1 input connector and 2 output connectors which can be closed by caps when not connected.
IP66/IP68: protected against penetration of water, dust and pressurized water jets.
Quick installation: no terminal blocks are required for wiring.



Emergency kit 1h

+ 40°C
0°C

Manufacturing material	Palazzoli code
aluminium alloy	**811923**



Emergency kit 3h

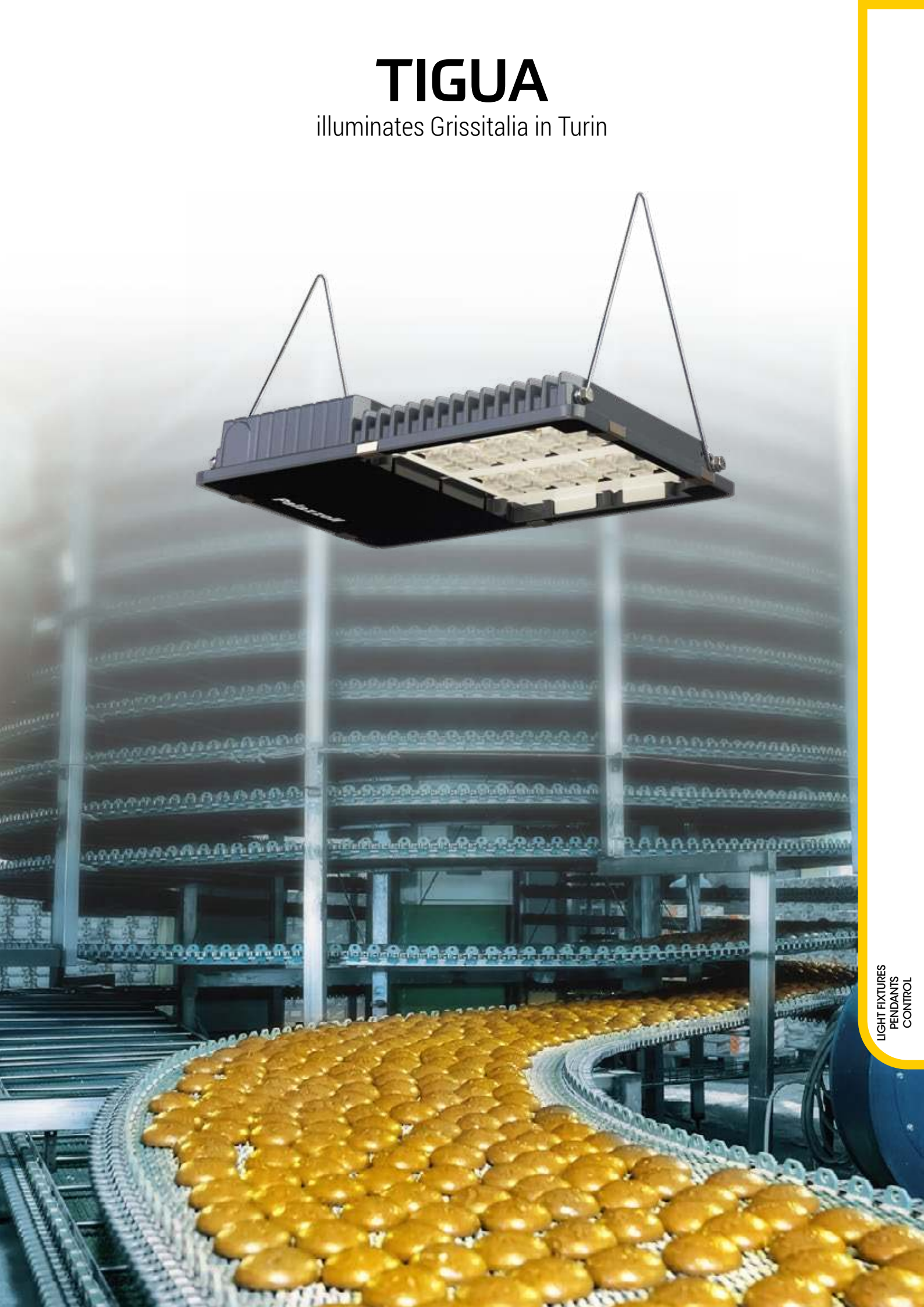
+ 40°C
0°C

Manufacturing material	Palazzoli code
aluminium alloy	**811924**

Emergency kit
Features: 1 M20 entry and 1 exit with connector.
Notes: the interface bracket is designed for double fixed chain connection and quick-connection for pendant mounting.
When performing the horizontal pole mounting, adjustable mounting, ceiling mounting and adjustable bracket mounting, the emergency kit must be mounted close to the device (max. 1.5 m).

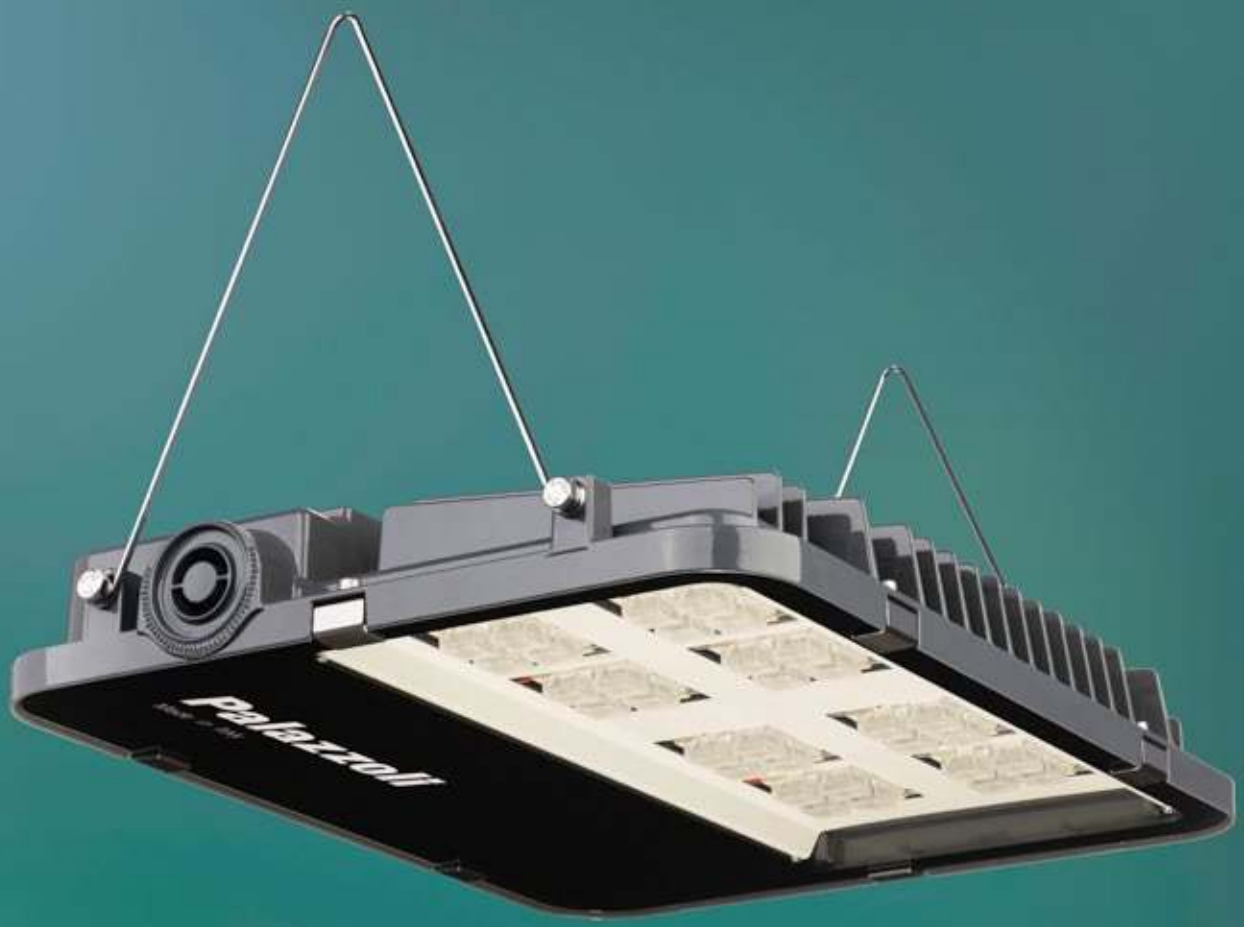
TIGUA

illuminates Grissitalia in Turin



LIGHT FIXTURES
PENDANTS
CONTROL

XTIGUA



XTIGUA pendant light fixture

4,000 K - 120,000 h

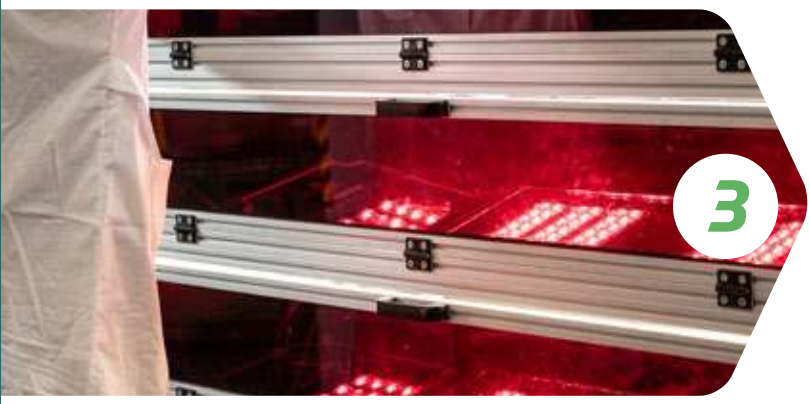
ADVANTAGES



The body is made of EN 44300 aluminium alloy with low copper content, with passivation treatment and painting that make it suitable for harsh environments, corrosion class C5-M / C4-H.

Products in the VHT (Very High Temperature) range can be installed in ambient temperatures of up to +70 °C and have a light fixture efficiency of over 130 lm/W.





XTIGUA's long service life is guaranteed by high-level electronic components, exclusive thermal management system, X-ray inspection of LED welds, 100% testing with 24-hour burn-in cycles, and Gore-Tex® anti-condensation breathing valve.

Latest-generation LEDs can maintain luminous flux over time and have a lifetime of over 100,000 hours in ambient temperatures of 70 °C.



XTIGUA pendant light fixture

4,000 K - 120,000 h



Body material	**Low-copper aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**Pendant mounting**
Ambient operating temperature	**-30°C - +35°C -30°C - +55°C (HT versions) -30°C - +70°C (VHT versions)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 130 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B20 120,000h Tq= +40°C Tq= +55 °C (HT versions) L80 B20 100,000h Tq= +70°C (VHT versions)**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**8 kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Quick connector**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

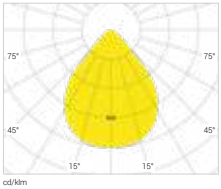
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions can be made by combining materials, optics and operating temperatures. It is possible to supply products with insulation class II and colour temperatures from 3000K to 6500K.



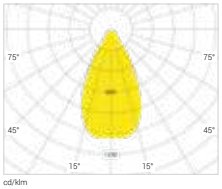
XTIGUA pendant light fixture - size **M**

4,000 K - 120,000 h



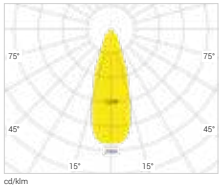
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
235	33250	28787	glass	DALI	**819328DA**
270	38000	32940			**819332DA**



55° medium symmetric optics, high temperature +55 °C

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
166	27009	21580	glass	DALI	**819428HT**
189	30867	24532			**819432HT**



Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
235	33250	28670	glass	DALI	**819528DA**
270	38000	32805			**819532DA**

Very high temperature +70 °C

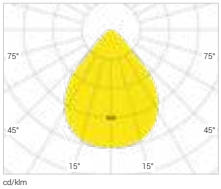
166	27009	21580	glass	DALI	**819528VHT**
189	30867	24570			**819532VHT**

Equipment included: double chain bracket and busbar.
Recommended installation height: between 9 m and 15 m.
Power supply with 5Px1.5mm² quick connector and 1.5mm² H07RN-F cable.



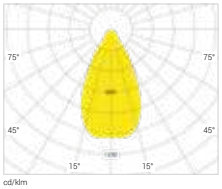
XTIGUA pendant light fixture - size L

4,000 K - 120,000 h



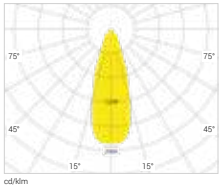
Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
336	47500	41160	glass	DALI	**819340DA**
400	57000	48800			**819348DA**



55° medium symmetric optics, high temperature +55 °C

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
237	38584	30810	glass	DALI	**819440HT**
284	46301	36579			**819448HT**



Symmetrical 36° narrow beam optics

Power (W)	Nominal flux (lm)Tj=25°C	Output flux (lm)Tq=25°C	Diffuser	Version	Palazzoli code
336	47500	40992	glass	DALI	**819540DA**
400	57000	48600			**819548DA**

Very high temperature +70 °C

237	38584	30810	glass	DALI	**819540VHT**
284	46301	36920			**819548VHT**

Equipment included: double chain bracket and busbar.
Recommended installation height: between 9 m and 15 m.
Power supply with 5Px1.5mm² quick connector and 1.5mm² H07RN-F cable.

Dimensions on page 503 *Technical data on page 344*

Accessories XTIGUA pendant mounting





Adjustable connection 0 - 90°
for double chain installation - size M

Manufacturing material	Palazzoli code
galvanised steel	**819994**



Adjustable connection 0 - 90°
for double chain installation - size L

Manufacturing material	Palazzoli code
galvanised steel	**819995**



Kit with bracket
for ceiling installation
size M

Manufacturing material	Palazzoli code
galvanised steel	**819996**

Notes: not compatible with the VHT 70 °C version.



Kit with bracket
for ceiling installation
size L

Manufacturing material	Palazzoli code
galvanised steel	**819997**

Notes: not compatible with the VHT 70 °C version.



3 way through-wiring connector
16A 250/400V IP66/IP68

Poles	Max. conductor (mm^2)	Fastening diameter (mm)	Palazzoli code
5	2,5	7-13	**818905**

Notes: equipped with 1 input and 2 output connectors which allow the through-wiring system.

EXAMPLE OF THROUGH-WIRING CONNECTION 818905



1 input connector and 2 output connectors which can be closed by caps when not connected.
IP66/IP68: protected against penetration of water, dust and pressurized water jets.
Quick installation: no terminal blocks are required for wiring.

IMPERIUM



IMPERIUM with DALI wiring

ADVANTAGES



1

To reduce energy consumption by more than 50%, Palazzoli provides IMPERIUM, the intelligent lighting management system with motion sensors, brightness sensors and control algorithms based on hourly programming.

DALI-wired Imperium is a solution whereby light and motion sensors interact with light fixtures equipped with DALI drivers. The sensors regulate the artificial lighting of an installation by maintaining the set light value on the work surface according to the presence of people and according to the contribution of artificial light.

2





3

Wireless Imperium is a solution for managing a lighting system without the need for a wired BUS connection between the light fixtures. The system is based on light fixtures equipped with an internal DALI driver to which wireless nodes are added externally.

The ZQ LIGHT LINK application allows you to create groups of light fixtures and wireless sensors, configure the operating parameters of each group and remotely control the lighting systems.

4



IMPERIUM with DALI wiring



Addressable DALI sensor for surface mounting in large areas	**Power supply 110-240 Vac 50/60Hz**
Maximum installation height	**14 m**
Protection rating	**IP20**
Electrical insulation class	**II**
Brightness setting value of twilight sensor	**10 - 2000 lux**
Absorbed power	**1 W**
Detection area	**Vertical 360°**
Operating temperature	**-25°C – +50°C**
Casing material	**Polycarbonate**
Max. no. of controllable light fixtures per sensor	**40 META light fixtures 40 TIGUA light fixtures 40 XTIGUA M light fixtures 20 XTIGUA L light fixtures 40 RINO light fixtures**

CE

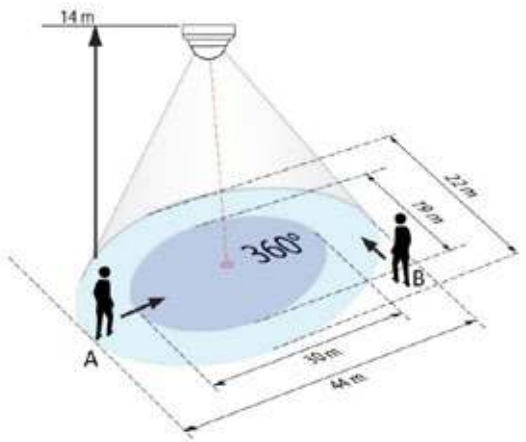
DIRECTIVES

2014/53/EU (RED)
2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55022
EN 50491-2
EN 50491-3
EN 50491-5-1
EN 50491-5-2
EN 50491-5-3
EN 61000-3-2
EN 61000-3-3
EN 62386-101
EN 62386-103
EN 63000

SENSING RANGE



A: frontal approach to the sensor
B: side approach to the sensor

Palazzoli is able to provide light and presence sensors with reading heights suitable for different applications and protocols.

IMPERIUM with DALI wiring



Sensor for brightness and DALI presence

Interface	Maximum number of manageable light fixtures	Colour	Palazzoli code
DALI/DSI	40	white	**836001**

Features: for adjusting artificial lighting as a function of the natural light.

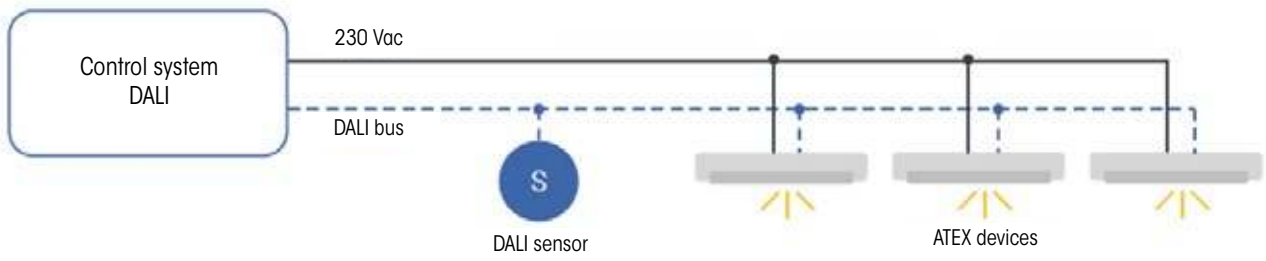


Remote control

Type of detector	Detection	Max. reception distance (m)	Light measurement	Palazzoli code
Movement and natural light	Automatic and semi-automatic	17	Via test button or automatically when the light is less than 50 LUX for 1 hour	**836002**

Equipment included: wall bracket.
Features: for programming the switching threshold of light sensors.

System



The DALI sensor constantly measures the ambient brightness value and compares this value with the value set in the presence detector. If the natural light value is sufficient, artificial lights will not be switched on. If the daylight value is lower than the set value, the sensor switches on the light and adjusts it to the set light level. The detector automatically switches off the light after 5 minutes if the daylight present is greater than the set Lux value and/or if no presence is detected after the set delay time.

IMPERIUM Wireless





IMPERIUM NODE AND SENSOR	
Input voltage	85 – 305 Vac 47-63Hz
Absorbed power	2W
IP rating	IP54
Weight	200 gr
Input-output isolation	4KV
Node dimensions	109x109x50 mm
Operating temperature	-10°C - +65°C

IMPERIUM GATEWAY	
Input voltage	9V battery - portable
IP rating	IP40
Weight	200 gr
Node dimensions	120x76x28 mm
Operating temperature	0°C - +60°C

CE

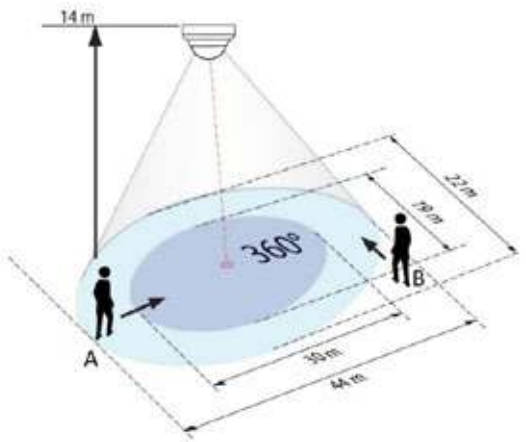
DIRECTIVES

2014/53/EU (RED)
2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-11
EN 61547
EN 63000
EN 300 220-2
EN 301 489-1
EN 301 489-3

SENSING RANGE



A: frontal approach to the sensor
B: side approach to the sensor

Palazzoli can provide consultancy on request for the integration of more complex functions, such as consumption monitoring, access control and implementation in building automation systems and management of situations where the transmission of wireless signals is hindered.

IMPERIUM Wireless



Node

Wireless network (MHZ)	Antenna	Power supply (V)	Dimensions (mm)	Palazzoli code
868	Internally built-in	85-305	109x109x46	**836101**

Features: it controls and powers up to 4 standard DALI or 1/10 V drivers, 500 VA normally closed (NC) relay output, digital input.
IMPERIUM NODE
can be centralised and integrated with third-party systems via Modbus TCP.



Sensor

Wireless network (MHZ)	Antenna	Power supply (V)	Dimensions (mm)	Palazzoli code
868	Internally built-in	85-305	109x109x46	**836102**

Features: it manages the regulation and power of up to 4 standard DALI or 1/10V drivers, 500VA normally closed (NC) relay output, digital input. Light and motion sensor Mid Bay (Hmax 10m – FOV 108°) and High Bay (Hmax 17m – FOV 69°). IP54. The IMPERIUM SENSOR can be centralised and integrated with third-party systems via Modbus TCP.

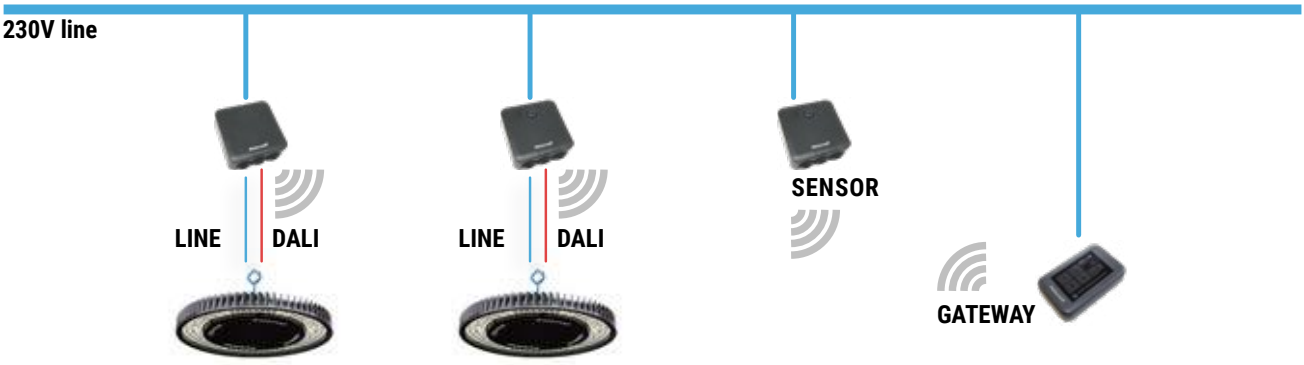


Gateway

Wireless network (MHZ)	Battery	Protocol	Dimensions (mm)	Palazzoli code
868	9 V included	Mesh Network, LBT and AFA	120x76x28	**836103**

Features: it allows you to configure wireless systems via the ZQ Light Link App, compatible with Bluetooth Low Energy Android and iOS smartphones.

System



RINO fluorescent



Body material	**AISI 304 stainless steel** **Painted galvanised steel**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9016 (painted galvanised steel version)**
Diffuser material	**Tempered glass and UV stabilised polycarbonate**
Protection rating	**IP66/IP67 (glass diffuser)** **IP66 (polycarbonate diffuser)**
Impact resistance	**IK09**
Corrosivity category	**Equivalent to C5-H AISI 316L stainless steel** **C5-M / C4-H painted galvanised steel**
Mounting system	**Pair of eyebolts in AISI 304 stainless steel**
Ambient operating temperature	**-25°C - +50°C** **0°C - +35°C (emergency versions)**
Ambient storage temperature	**-40°C - +70°C** **-30°C - +50°C (emergency versions)**
Lamp holder type	**G13 T8 / G5 T5**
Emergency battery lifetime	**1h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**220-240V 0/50/60Hz**
Power factor	**> 0.90**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 14 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

CE UKCA

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 63000

RINO fluorescent



Light fixtures
in AISI 304 stainless steel

Length (mm)	Power (W)	Tube type	Diffuser	Reflector	Version	Palazzoli code
690	1x18	T8	glass	white	on-off	**822131**
	2x18					**822132**
1300	1x36					**822231**
	2x36					**822232**
	1+1x36				emergency 1h	**822211**
	2x54	T5			on-off	**822962**
690	2x18	T8	HACCP polycarbonate	symmetrical in aluminium	on-off	**825132**
1300	2x36					**825232**
	1+1x36				emergency 1h	**825211**

Notes: in the emergency version 1+1 means that 2 tubes operate in standard conditions and 1 tube only lights up under emergency conditions.



Light fixtures
in painted galvanised steel

Length (mm)	Power (W)	Tube type	Diffuser	Reflector	Version	Palazzoli code
690	2x18	T8	HACCP polycar-bonate	white	on-off	**847132**
1300	2x36					**847232**
	1+1x36				emergency 1h	**847211**

Notes: in the emergency version 1+1 means that 2 tubes operate in standard conditions and 1 tube only lights up under emergency conditions.



Retrofit kit for light fixtures
690 mm and 1300 mm

Manufacturing material	Power (W)	Length (mm)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Version	Palazzoli code
extra clear tempered glass	26	690	4100	3562	on-off	**821184**
	52	1300	8200	7072		**821384**

Accessories RINO fluorescent



Pairs of hooks
for pendant mounting

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820001**



Pair of adjustable supports
for wall and ceiling installation

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820000**



Pair of collars
for installation on pipe

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820006**



High-performance mirror-polished
aluminium reflector

Length (mm)	Manufacturing material	For light fixture power (W)	Palazzoli code
690	aluminium	18	**820002**
1300		36 - 54	**820003**

RINO light fixtures E27, G23





Body material	**Aluminium alloy (EN 46100)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 7035**
Diffuser material	**Prismatic tempered glass**
Protection rating	**IP66**
Impact resistance	**IK07**
Mounting system	**Ready for wall installation**
Ambient operating temperature	**-40°C - +70°C**
Ambient storage temperature	**-50°C - +80°C**
Lamp holder type	**Type E27 in porcelain and type G23 in technopolymer**
Insulation class	**I**
Supply voltage	**230V 0/50/60Hz**
Type of power supply	**M20 cable gland**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

DIRECTIVES

2014/30/EU (EMC)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 60598-1
EN 60598-2-1
EN 63000

RINO light fixtures E27, G23



Oval light fixtures in aluminium alloy

Power (W)	Dimensions (W)	Lamp holder type	Diffuser	No. of entries	Version	Palazzoli code
60	199x112	E27	glass	1	without cage	**831071**
				2		**831091**
75	226x130			1		**831171**
				2		**831191**
100	295x170			1		**831271**
				2		**831291**
5-7-9		G23		1		**831914**
60	199x112	E27		1	with steel cage	**831072**
				2		**831092**
75	226x130			1		**831172**
				2		**831192**
100	295x170			1		**831272**
				2		**831292**
5-7-9		G23		1		**831934**
60	199x112	E27		1	with embedded cage	**831075**
				2		**831095**
75	226x130			1		**831175**
				2		**831195**
100	295x170			1		**831275**
				2		**831295**
5-7-9		G23		1		**831954**

Equipment included: internal earth screw and cable gland.
Features: E27 lamp holder in porcelain.



Round light fixtures in aluminium alloy

Power (W)	Dimensions (W)	Lamp holder type	Diffuser	No. of entries	Version	Palazzoli code
75	200x182	E27	glass	1	without cage	**830071**
					with steel cage	**830072**

Equipment included: internal earth screw and cable gland.
Features: E27 lamp holder in porcelain.



Swann bayonet lamp holder

Manufacturing material	Palazzoli code
brass	**859412**

Equipment included: fixing support.

LIGHT FIXTURES/LAMPS CORRESPONDENCE	Maximum power (W)		LED (W)	Luminous flux (lm)		Halogen (W)
	Ta = +50 °C	Ta = +70°C*		warm white 3000K	neutral white 4000K	
	60	40	8.7	630	640	42
	75	50	8.7	940	960	53
	100	75	13	1200	1250	72
	75	50	17	1530	1590	53

RINO cylindrical well glass fixtures E27



Cylindrical well glass fixtures
in aluminium alloy

Power (W)	Lamp holder type	Diffuser	No. of entries	Version	Palazzoli code
60	E27	glass	1	ceiling-mounted	**810071**
75					**810171**
100					**810271**
60				pendant mounting	**812071**
75					**812171**
100					**812271**
60				wall-mounted, 90° angled	**811071**
75					**811171**
100					**811271**
60				wall-mounted, angled	**813071**
75					**813171**
100					**813271**

Equipment included: cable gland.
Features: lamp holder in porcelain.



Cylindrical well glass fixture
in thermosetting GRP
with steel protective cage

Power (W)	Lamp holder type	Diffuser	No. of entries	Version	Palazzoli code
60	E27	ribbed glass	1 M20	portable	**814052**

Equipment included: cable entry with 1 M20 cable gland and internal cable clamp.
Features: diffuser in ribbed clear glass. Lamp holder in porcelain.



Junction box
for ceiling installation Ø 62 mm

Manufacturing material	Palazzoli code
aluminium alloy	**812988**

Equipment included: internal and external earth screw and cable gland.
Features: cover with M20 central threaded hole for the well glass fixture pendant-mounting tube.

LIGHT FIXTURES/LAMPS CORRESPONDENCE	Maximum power (W)		LED (W)
	Ta = +50 °C	Ta = +70°C*	
	60	40	10
	75	50	11
	100	75	16

RINO well glass fixture bodies and accessories



Cylindrical well glass fixture bodies in aluminium alloy

Power (W)	Lamp holder type	Diffuser	No. of entries	Version	Palazzoli code
60	E27	glass	1	ceiling-mounted	**810060**
75					**810100**
100					**810200**
60				pendant mounting	**812060**
75					**812100**
100					**812200**
60				wall-mounted, 90° angled	**811060**
75					**811100**
100					**811200**
60				wall-mounted, angled	**813060**
75					**813100**
100					**813200**

Equipment included: globe-holder ring, gasket, E27 safety lamp holder and cable gland.



Transparent diffusers

Manufacturing material	Max. power (W)	Palazzoli code
clear ribbed glass	60	**819012**
	75	**819112**
	100	**819212**



Protection cages

Manufacturing material	Max. power (W)	Palazzoli code
galvanised and tropicalised steel wire	60	**819020**
	75	**819120**
	100	**819220**



Coloured diffusers

Manufacturing material	Max. power (W)	Diffuser colour	Palazzoli code
smooth glass	60	transparent	**850060**
	40	blue	**850061**
		yellow	**850062**
		red	**850063**
		green	**850064**



Protection cages

Manufacturing material	Max. power (W)	Palazzoli code
stainless steel wire	60	**819022**
	75	**850172**



Coloured diffusers

Manufacturing material	Max. power (W)	Diffuser colour	Palazzoli code
coloured polycarbonate	40	transparent	**819015**
		yellow	**819017**
		red	**819018**
		green	**819019**



Reflectors

Manufacturing material	Max. power (W)	Palazzoli code
galvanised and oven-painted steel	60	**819030**
	75	**819130**
	100	**819230**



Swann bayonet lamp holder with fins

Manufacturing material	Type	Palazzoli code
galvanised and oven-painted steel	B22d 4A 250C	**859400**





Atex

The Company has extensive experience in extreme environments where flammable materials, oxidising chemicals, salt solutions, acids and motor and vegetable oils are handled. Palazzoli is the absolute market leader in Atex products, explosion-proof equipment for high-risk environments. Power plants, chemical industries, oil platforms, military bases and refineries are just a few areas where lighting devices must prevent any propagation of sparks and ensure safe and reliable operation over time.



The Company has consolidated experience in extreme environments, where the presence of oxidising chemicals, saline solutions, acids and motor and vegetable oils has forged the products for which Palazzoli is the absolute market leader.

The IE regulatory system, in particular with the IEC 60079-10 series of standards, which establishes the basic rules for electrical installations in places where there is a danger of explosion due to the presence of both gas and combustible dust, with regard to the classification of hazardous areas, refers to a particular calculation model, called the I IEC zone system.
This model is based on the determination of the probability of the formation of an explosive atmosphere and its persistence over time in the environments, which thus become fundamental parameters for the classification of hazardous areas.



Danger	Gases - vapours	Dusts
Permanent	**ZONE 0**	**ZONE 20**
Occasional	**ZONE 1**	**ZONE 21**
Not likely	**ZONE 2**	**ZONE 22**

Floodlights Page 365

Light fixtures Page 365

Pendant light fixtures Page 365

Traditional Page 365

META150-EX

illuminates Marghera's Terminal Rinfuse



ATEX

PENDANT LIGHT FIXTURES



TIGUA-EX
zone 1, 2, 21, 22
5800 lm to 16550 lm
Page 385



XTIGUA-EX
zone 1, 2, 21, 22
17350 lm to 33100 lm
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META150-EX
zone 2, 21, 22
From 8580 lm to 19830 lm
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TRADITIONAL



RINO-EX
fluorescent
zone 1, 2, 21, 22
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RINO-EX
fluorescent
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RINO-EX
E27
zone 22
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FLOODLIGHTS



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zone 1, 2, 21, 22
5800 lm to 16550 lm
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XTIGUA-EX
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17350 lm to 33100 lm
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TIGUA-EX
zone 2, 21, 22
6300 lm to 18000 lm
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XTIGUA-EX
zone 2, 21, 22
19600 lm to 36900 lm
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LIGHT FIXTURES



RINO LED-EX
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From 3400 lm to 12350 lm
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RINO LED-EX
zone 2, 21, 22
From 3560 lm to 9430 lm
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TIGUA-EX



TIGUA-EX floodlight - Zones 1, 2, 21, 22

4,000 K - 230,000 h

ADVANTAGES



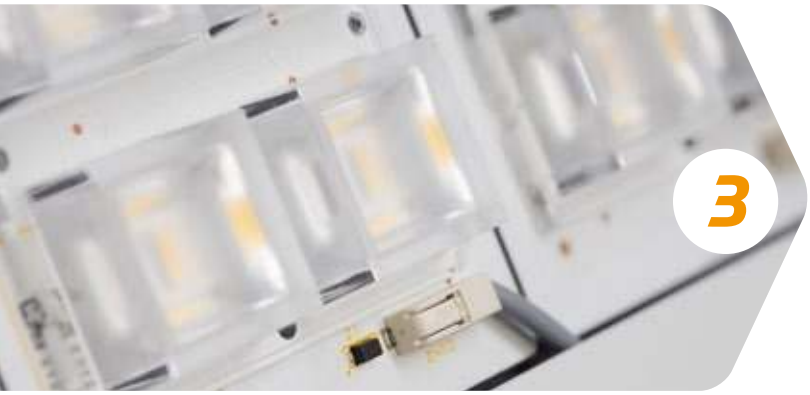
1

The DALI power supply integrated in the TIGUA-EX body is resin-coated and certified for explosion hazardous environments. In the versions for zone 1 versions, the polycarbonate lenses are sealed onto the LED module by means of silicone resin.

The body is made of EN 44300 aluminium alloy with low copper content, with passivation treatment and painting that make it suitable for harsh environments, corrosion class C5-M / C4-H.



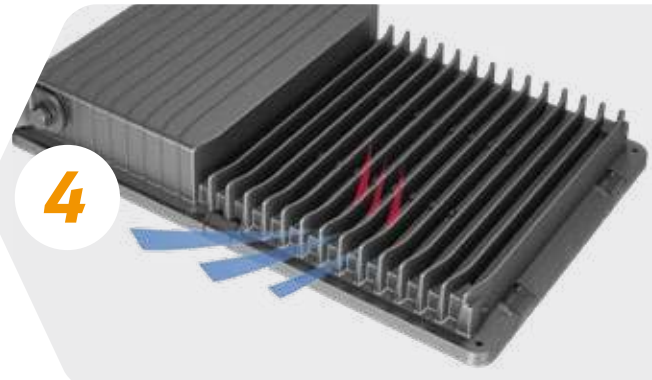
2



3

The optics are made from specialised lenses ensuring that the luminous flux is evenly distributed. A well-lit environment makes for a safer place.

TIGUA-EX's long service life is guaranteed by high-level electronic components, exclusive thermal management system, X-ray inspection of LED welds, 100% testing with 24-hour burn-in cycles, and Gore-Tex® anti-condensation breathing valve.



4

TIGUA-EX floodlight - Zones 1, 2, 21, 22

4,000 K - 230,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Atex execution - Gas	**II 2G - Ex eb mb IIC T4 Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**Marine aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9005 Jet black**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**U bracket with adjustment range of -135° to 135°**
Ambient operating temperature	**-35°C - +50°C (-40°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 115 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing UV-resistant polycarbonate lenses sealed to the LED module by silicone resin**
Colour rendering index according to EN 62717	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40 °C L90 B10 230,000h Tq= +25 °C**
Insulation class	**I**
Supply voltage	**110-277 Vac/110-250 Vdc: 50 W/72 W/101 W 160-277 Vac/160-250 Vdc: 144W 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

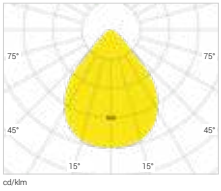
Versions with colour temperatures from 3000K to 6500K and ambient temperatures down to -40°C are also available.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



TIGUA-EX floodlight - Zones 1, 2, 21, 22

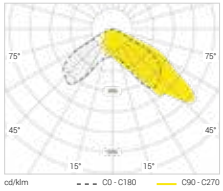
4,000 K - 230,000 h



Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
50	6980	5808	+50	DALI	**817021EX**
72	9950	8280	+40		**817022EX**
101	13950	11615	+50		**817023EX**
144	19850	16560	+40		**817024EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.



Asymmetrical 50° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
50	6980	5808	+50	DALI	**817221EX**
72	9950	8280	+40		**817222EX**
101	13950	11615	+50		**817223EX**
144	19850	16560	+40		**817224EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

Accessories TIGUA-EX



Protection guard

Manufacturing material	Palazzoli code
galvanised steel	**811911**



Support for wall mounting with projecting arm – 750mm projection

Manufacturing material	Palazzoli code
painted galvanised steel	**811914**



Universal mounting bracket for pole-top installation for 60 mm and 76 mm nominal pole Ø

Manufacturing material	Palazzoli code
painted galvanised steel	**811908**



Kit consisting of collar and plate for 60 mm and 76 mm nominal pole Ø

Manufacturing material	Palazzoli code
painted galvanised steel	**811912**

XTIGUA-EX



XTIGUA-EX floodlight - Zones 1, 2, 21, 22

4,000 K - 230,000 h

ADVANTAGES



1

The DALI power supply integrated in the XTIGUA-EX body is resin-coated and certified for explosion hazardous environments. In the versions for zone 1 versions, the polycarbonate lenses are sealed onto the LED module by means of silicone resin.

The body is made of EN 44300 aluminium alloy with low copper content, with passivation treatment and painting that make it suitable for harsh environments, corrosion class C5-M / C4-H.



2



3

The optics are made from specialised lenses ensuring that the luminous flux is evenly distributed. A well-lit environment makes for a safer place.

XTIGUA-EX's long service life is guaranteed by high-level electronic components, exclusive thermal management system, X-ray inspection of LED welds, 100% testing with 24-hour burn-in cycles, and Gore-Tex® anti-condensation breathing valve.



4

XTIGUA-EX floodlight - Zones 1, 2, 21, 22

4,000 K - 230,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Atex execution - Gas	**II 2G - Ex eb mb IIC T4 Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**Marine aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9005 Jet black**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance according to IEC 60079-0	**7J (body) 4J (glass)**
Corrosivity category according to ISO 12944	**Equivalent to C5-M / C4-H**
Mounting system	**U-bracket with adjustment range of -135° to +135°**
Ambient operating temperature	**-35°C - +45°C (-40°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 115 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing UV-resistant polycarbonate lenses sealed to the LED module by silicone resin**
Colour rendering index according to EN 62717	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**160-277 Vac/160-250 Vdc 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

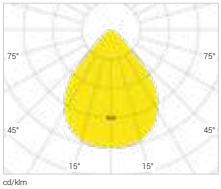
Versions with colour temperatures from 3000K to 6500K and ambient temperatures down to -40°C are also available.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



XTIGUA-EX floodlight - Zones 1, 2, 21, 22

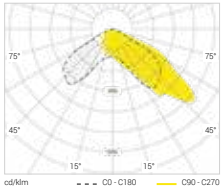
4,000 K - 230,000 h



Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
151	20900	17365	+45	DALI	**818021EX**
216	29800	24840	+40		**818022EX**
201	27800	23115	+35		**818023EX**
288	39800	33120	+30		**818024EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.



Asymmetrical 50° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
151	20900	17365	+45	DALI	**818221EX**
216	29800	24840	+40		**818222EX**
201	27800	23115	+35		**818223EX**
288	39800	33120	+30		**818224EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

Accessories XTIGUA-EX



Protection grid
for XTIGUA LED floodlights

Manufacturing material	Palazzoli code
galvanised steel	**818992**



Cross beam
for pole-top installation
for 1 XTIGUA series floodlight

Manufacturing material	Palazzoli code
painted galvanised steel	**818990**

Notes: cross beam suitable for mounting up to 2 floodlights.
The cross beam can be installed on ø 60 to ø 76 mm poles.



Cross beam
for pole-top installation
for 2 or 4 XTIGUA series floodlights

Manufacturing material	Palazzoli code
painted galvanised steel	**818991**

Notes: cross beam suitable for mounting up to 4 floodlights.
The cross beam can be installed on ø 60 to ø 76 mm poles.

TIGUA-EX floodlight - Zones 2, 21, 22

4,000 K - 230,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Atex execution - Gas	**II 3G - Ex ec mc IIC T4 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**Marine aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9005 Jet black**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance according to IEC 60079-0	**7J (body) 4J (glass)**
Corrosivity category according to ISO 12944	**Equivalent to C5-M / C4-H**
Mounting system	**U-bracket with adjustment range of -135° to +135°**
Ambient operating temperature	**-35°C - +50°C (-40°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 125 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index according to EN 62717	**CRI ≥ 70**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**110-277 Vac/110-250 Vdc: 50 W/72 W/101 W 160-277 Vac/160-250 Vdc: 144W 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

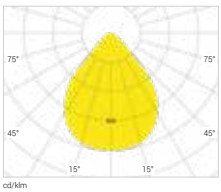
Versions with dedicated optics, colour temperatures from 3000K to 6500K and ambient temperatures down to -40°C are also available.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



TIGUA-EX floodlight - Zones 2, 21, 22

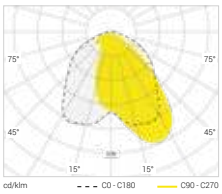
4,000 K - 230,000 h



Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
50	7600	6312	+50	DALI	**837021EX**
72	10800	9000	+40		**837022EX**
101	15150	12625	+50		**837023EX**
144	21600	18000	+40		**837024EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.



Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
50	7600	6312	+50	DALI	**837221EX**
72	10800	9000	+40		**837222EX**
101	15150	12625	+50		**837223EX**
144	21600	18000	+40		**837224EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

Accessories TIGUA-EX



Protection guard

Manufacturing material	Palazzoli code
galvanised steel	**811911**



Support for wall mounting with projecting arm – 750mm projection

Manufacturing material	Palazzoli code
painted galvanised steel	**811914**



Universal mounting bracket for pole-top installation for 60 mm and 76 mm nominal pole Ø

Manufacturing material	Palazzoli code
painted galvanised steel	**811908**



Kit consisting of collar and plate for 60 mm and 76 mm nominal pole Ø

Manufacturing material	Palazzoli code
painted galvanised steel	**811912**

XTIGUA-EX floodlight - Zones 2, 21, 22

4,000 K - 230,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Atex execution - Gas	**II 3G - Ex ec mc IIC T4 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**Marine aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9005 Jet black**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance according to IEC 60079-0	**7J (body) 4J (glass)**
Corrosivity category according to ISO 12944	**Equivalent to C5-M / C4-H**
Mounting system	**U-bracket with adjustment range of -135° to +135°**
Ambient operating temperature	**-35°C - +45°C (-40°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 130 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index according to EN 62717	**CRI ≥ 70**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**160-277 Vac/110-250 Vdc 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

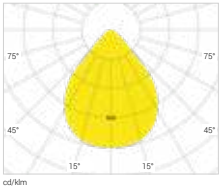
Versions with dedicated optics, colour temperatures from 3000K to 6500K and ambient temperatures down to -40°C are also available.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



XTIGUA-EX floodlight - Zones 2, 21, 22

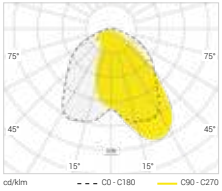
4,000 K - 230,000 h



Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
151	23600	19630	+45	DALI	**838021EX**
216	33200	27648	+40		**838022EX**
201	31500	26208	+35		**838023EX**
288	44300	36864	+30		**838024EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.



Asymmetrical 23° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
151	23600	19630	+45	DALI	**838221EX**
216	33200	27648	+40		**838222EX**
201	31500	26208	+35		**838223EX**
288	44300	36864	+30		**838224EX**

Equipment included: wall-mounting bracket.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

Accessories X-TIGUA-EX



Protection grid
for XTIGUA LED floodlights

Manufacturing material	Palazzoli code
galvanised steel	**818992**



Cross beam
for pole-top installation
for 1 XTIGUA series floodlight

Manufacturing material	Palazzoli code
painted galvanised steel	**818990**

Notes: cross beam suitable for mounting up to 2 floodlights.
The cross beam can be installed on ø 60 to ø 76 mm poles.



Cross beam
for pole-top installation
for 2 or 4 XTIGUA series floodlights

Manufacturing material	Palazzoli code
painted galvanised steel	**818991**

Notes: cross beam suitable for mounting up to 4 floodlights.
The cross beam can be installed on ø 60 to ø 76 mm poles.

RINOLED-EX



RINO LED-EX 690 mm and 1300 mm - Zones 1, 2, 21, 22

ADVANTAGES



1

The light fixture is ATEX-certified by a third party for zone 1, 2, 21, 22. The driver placed inside it is resin-coated and suitable for highly explosive environments. In the versions for zone 1, the LED board is sealed with silicone resin.

The stainless steel casing and the special silicone seal guarantee high resistance to corrosion and aggressive atmospheres.



2



3

The possibility of special solutions makes the light fixture suitable for installation in any environment, whether with very high temperatures (up to +60 °C) or very low temperatures (down to -40 °C). The fastening system with eyebolts enables the device to be mounted to the ceiling without opening it.

The extra wide beam, narrow beam and comfort optics use specialist lenses with a glare index of UGR<22.



4

RINO LED-EX light fixture 690 mm and 1300 mm - Zones 1, 2, 21, 22



Atex execution - Gas	**II 2G - Ex eb mb IIC T6/T5 Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**AISI 304 stainless steel**
Surface treatment	**Natural finish**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP65**
Impact resistance according to IEC 60079-0	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-H**
Mounting system	**Pair of eyebolts in AISI 304 stainless steel**
Ambient operating temperature	**-35°C - +60°C (-40°C on request) 0°C - +45°C (emergency versions)**
Ambient storage temperature	**-40°C - +75°C -20°C - +60°C (emergency versions)**
Actual efficacy of the device	**Up to 148 lm/W**
Colour temperature	**4,000 K**
Optics features	**Anti-ageing- and UV-resistant silicone resin with > 95% efficiency**
Colour rendering index values	**CRI ≥ 80**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L80 B10 @90,000h Tq= +25°C**
Emergency battery lifetime	**1h - 3h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**220-240V~ - 180-240Vcc 110-277 Vac/110-250 Vdc (DALI) 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

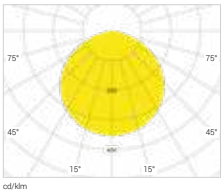
Feed-through wiring versions are also available, in AISI 316L stainless steel and with colour temperatures from 3000K to 6500K.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



RINO LED-EX light fixture Zones 1, 2, 21, 22

690 mm 4,000 K - 90,000 h

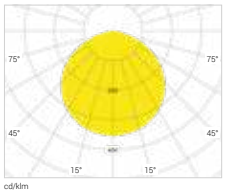


Symmetrical 110° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
AISI 304 stainless steel					
23	4080	3400	+60	on-off	**821172EX**
36	6200	5180	+50		**821272EX**
56	9450	7870	+45		**821372EX**
71	11550	9623	+35		**821472EX**
Emergency					
36	6200	5180 967 in EM	+45	on-off emergency 1h	**821270EX**
71	11550	9623 912 in EM	+35		**821470EX**
36	6200	5180 420 in EM	+45	on-off emergency 3h	**821273EX**
71	11550	9623 414 in EM	+35		**821473EX**

Equipment included: pair of eyebolts in AISI 304 stainless steel for pendant mounting.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

1300 mm 4,000 K - 90,000 h



Symmetrical 110° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
AISI 304 stainless steel					
47	8200	6831	+60	on-off	**821572EX**
71	11690	9736	+45		**821672EX**
86	14800	12353	+45	DALI	**821772EX**
Emergency					
71	11690	9736 925 in EM	+45	on-off emergency 1h	**821670EX**
86	14800	12353 930 in EM			**821770EX**
71	11690	9736 420 in EM		on-off emergency 3h	**821673EX**
86	14800	12353 400 in EM			**821773EX**

Equipment included: pair of eyebolts in AISI 304 stainless steel for pendant mounting.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

Accessories RINO LED-EX on page 391

RINO LED-EX light fixture 690 mm and 1300 mm - Zones 2, 21, 22



Atex execution - Gas	**II 3G - Ex ec mc IIC T6/T5 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**AISI 304 stainless steel Painted galvanised steel**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**White RAL 9016**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP65**
Impact resistance according to IEC 60079-0	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-H AISI 304 stainless steel**
Mounting system	**Pair of eyebolts in AISI 304 stainless steel**
Ambient operating temperature	**-35°C - +55°C (-40°C on request) 0°C - +45°C (emergency versions)**
Ambient storage temperature	**-40°C - +70°C -30°C - +50°C (emergency versions)**
Actual efficacy of the device	**Up to 137 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 80**
Colour consistency	**MacAdam 3-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L80 B10 @50,000 h Tq= +25°C**
Emergency battery lifetime	**1h - 3h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**220-240V~ - 180-240Vcc 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

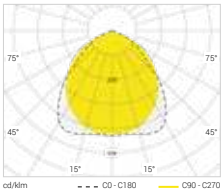
Versions are also available with ambient temperatures down to -40°C and up to +60°C; with feed-through wiring, in AISI 316L stainless steel and with colour temperatures from 3000K to 6500K.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



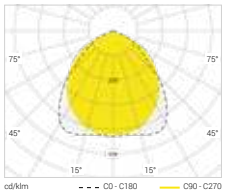
RINO LED-EX light fixture 690 mm and 1300 mm - Zones 2, 21, 22

690 mm 4,000 K - 50,000 h



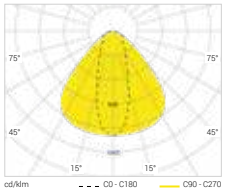
88° symmetrical optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
AISI 304 stainless steel					
26	4100	3562	+55	on-off	**821192EX**
38	6133	5130			**821292EX**
Emergency					
38	4100	3562 1010 in EM	+45	on-off emergency 1h	**821190EX**
71	6133	5130 1010 in EM			**821290EX**
26	4100	3562 400 in EM		on-off emergency 3h	**821193EX**
38	6133	5130 400 in EM			**821293EX**
Painted galvanised steel					
26	4100	3562	+55	on-off	**841192EX**
38	6133	5130			**841292EX**



88° symmetrical optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
AISI 304 stainless steel					
52	8200	7072	+55	on-off	**821392EX**
75	12260	10050			**821492EX**
Emergency					
52	8200	7072 1010 in EM	+45	on-off emergency 1h	**821390EX**
75	12260	10050 1010 in EM			**821490EX**
52	8200	7072 400 in EM		on-off emergency 3h	**821393EX**
75	12260	10050 400 in EM			**821493EX**
Painted galvanised steel					
52	8200	7072	+55	on-off	**841392EX**
75	12260	10050			**841492EX**



Narrow beam optics 30°x90°

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
AISI 304 stainless steel					
52	8200	6500	+55	on-off	**820392EX**
75	12260	9525			**820492EX**
Painted galvanised steel					
52	8200	6500	+55	on-off	**840392EX**
75	12260	9525			**840492EX**

Equipment included: pair of AISI 304 stainless steel eyebolts for pendant mounting.
Notes: the stated flux and power values may be subject to a +/- 7% tolerance.

Accessories RINO LED-EX on page 391

TIGUA-EX pendant light fixture - Zones 1, 2, 21, 22

4,000 K - 230,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Atex execution - Gas	**II 2G - Ex eb mb IIC T4 Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**Marine aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9005 Jet black**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**Pendant mounting**
Ambient operating temperature	**-35°C - +50°C (-40°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 115 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing UV-resistant polycarbonate lenses sealed to the LED module by silicone resin**
Colour rendering index according to EN 62717	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**110-277 Vac/110-250 Vdc: 50 W/72 W/101 W 160-277 Vac/160-250 Vdc: 144W 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

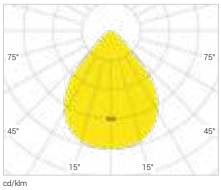
Versions with colour temperatures from 3000K to 6500K and ambient temperatures down to -40°C are also available.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



TIGUA-EX pendant light fixture - Zones 1, 2, 21, 22

4,000 K - 230,000 h



Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
50	6980	5808	+50	DALI	**817031EX**
72	9950	8280	+40		**817032EX**
101	13950	11615	+50		**817033EX**
144	19850	16560	+40		**817034EX**

Equipment included: double chain bracket and busbar.
Notes: recommended installation height: between 4 m and 7 m.
The stated flux and power values may be subject to a +/- 7% tolerance.

Accessories TIGUA-EX



0 - 90° adjustable connection
for catenary wire installation

Manufacturing material	Palazzoli code
galvanised steel	**811921**



Swivelling connection 0 - 90°
for double chain
and busbar installation

Manufacturing material	Palazzoli code
galvanised steel	**811919**



Kit with bracket
for ceiling installation

Manufacturing material	Palazzoli code
galvanised steel	**811916**



Set of brackets
for installation
with 60 mm Ø pole

Manufacturing material	Palazzoli code
galvanised steel	**811920**

XTIGUA-EX pendant light fixtures - Zone 1, 2, 21, 22

4,000 K - 230,000 h



7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Atex execution - Gas	**II 2G - Ex eb mb IIC T4 Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**Marine aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9005 Jet black**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**Pendant mounting**
Ambient operating temperature	**-35°C - +50°C (-40°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 115 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing UV-resistant polycarbonate lenses sealed to the LED module by silicone resin**
Colour rendering index according to EN 62717	**CRI ≥ 80**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 4%**
Luminous flux maintenance	**L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C**
Insulation class	**I**
Supply voltage	**160-277 Vac/160-250 Vdc 0/50/60Hz**
Surge protection	**6 kV common mode and differential mode (IEC 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

Versions with colour temperatures from 3000K to 6500K and ambient temperatures down to -40°C are also available.

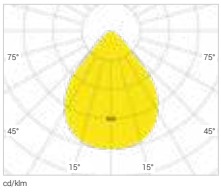
TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.

Dimensions on page 503



XTIGUA-EX pendant light fixtures - Zone 1, 2, 21, 22

4,000 K - 230,000 h



Symmetrical 81° extra wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
151	20900	17365	+45	DALI	**818031EX**
216	29800	24840	+40		**818032EX**
201	27800	23115	+35		**818033EX**
288	39800	33120	+30		**818034EX**

Equipment included: double chain bracket and busbar.
Notes: recommended installation height: between 9 m and 15 m.
The stated flux and power values may be subject to a +/- 7% tolerance.



Adjustable connection 0 - 90°
for double chain installation

Manufacturing material	Palazzoli code
galvanised steel	**819994**

XTIGUA-EX

illuminates the Marcegaglia factory in Ravenna



META150-EX pendant light fixture - Zones 2, 21, 22

4,000 K - 230,000 h



Atex execution - Gas	II 3G - Ex ec mc IIC T5 Gc
Atex execution - Dust	II 2D - Ex tb IIIC T 85°C Db
Body material	Aluminium alloy (EN 46100)
Surface treatment	Fluorozirconate passivation
Surface finish	Non-toxic polyester, anti UV, kiln-polymerised coating
Colour	RAL 9005 Jet black
Diffuser material	Extra clear tempered glass
Protection rating	IP66
Impact resistance	7J (body) 4J (glass)
Corrosivity category	Equivalent to C4-M / C3-H
Mounting system	Pendant mounting
Ambient operating temperature	-35°C - +40°C (-40°C - +50°C on request)
Ambient storage temperature	-40°C - +70°C
Actual efficacy of the device	Up to 148 lm/W
Colour temperature	4,000 K
Optics features	Non-aging UV-resistant polycarbonate lenses with > 90% efficiency and > 95% transparency
Colour rendering index according to EN 62717	CRI ≥ 80
Colour consistency	MacAdam 3-step
Photobiological risk	RG0 - Exempt Group (EN 62471)
Residual flicker	< 4%
Luminous flux maintenance	L90 B10 110,000h Tq= +40°C L90 B10 230,000h Tq= +25°C
Insulation class	I
Supply voltage	220 V-240 V 60 W 110-277 Vac/110-250 Vdc: 97W 160-277 Vac/160-250 Vdc: 112 W/134 W 0/50/60Hz
Surge protection	6 kV common mode and differential mode (IEC 61000-4-5)
Power factor	≥ 0.95
Type of power supply	Spring clamps and M20 cable gland
Max. conductor cross-section	1 - 2.5 mm²
Entry cable diameter	10 - 14 mm

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 60598-2-5
EN 60598-2-22
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

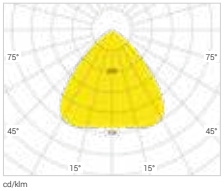
Versions with colour temperatures from 3000K to 6500K and ambient temperatures up to +50 °C are also available.

TAISBOX-EX series junction boxes certified for zone 1, 2, 21, 22 complete with cable glands and terminals for larger cable diameters and/or in/out solutions are available on page 249.



META150-EX pendant light fixture - Zones 2, 21, 22

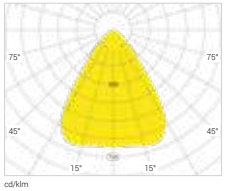
4,000 K - 230,000 h



Extra wide beam optics, comfort 90°

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
60	10296	8748	+50	on-off	**810430EX**
97	17227	14356			**810440EX**
112	20300	16576	+40	DALI	**810450EX**
134	24200	19832			**810460EX**

Equipment included: quick connection for pendant mounting.
Notes: recommended installation height: between 5 m and 8 m.
The stated flux and power values may be subject to a +/- 7% tolerance.



75° medium beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Max. ambient temperature (°C)	Version	Palazzoli code
60	10296	8580	+50	on-off	**810431EX**
97	17227	14065			**810441EX**
112	20300	16352	+40	DALI	**810451EX**
134	24200	19564			**810461EX**

Equipment included: quick connection for pendant mounting.
Notes: recommended installation height: between 5 m and 8 m.
The stated flux and power values may be subject to a +/- 7% tolerance.

Accessories META150-EX



Adjustable bracket
for wall installation
poles and light towers

Manufacturing material	Palazzoli code
galvanised steel	**810999**



Catenary wire installation bracket
0-90° adjustable

Manufacturing material	Palazzoli code
galvanised steel	**810994**



0-90° swivelling attachment
for double chain
and busbar installation

Manufacturing material	Palazzoli code
galvanised steel	**810996**



Bracket
for double chain
and busbar installation

Manufacturing material	Palazzoli code
galvanised steel	**810997**



Bracket
for ceiling installation

Manufacturing material	Palazzoli code
galvanised steel	**810998**



Bracket
for installation
with Ø 60 mm pole

Manufacturing material	Palazzoli code
galvanised steel	**810995**

RINO-EX fluorescent - Zones 1, 2, 21, 22



Atex execution - Gas	**II 2G - Ex e mb IIC T4 Gb**
Atex execution - Dust	**II 2D - Ex tb IIIC T 70°C Db**
Body material	**AISI 304 stainless steel**
Surface treatment	**Natural finish**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-H**
Mounting system	**Provided with 2 M8 threaded holes**
Ambient operating temperature	**-40°C - +55°C**
Ambient storage temperature	**-40°C - +70°C**
Lamp holder type	**G13 T8 preventing the unhooking**
Insulation class	**I**
Supply voltage	**110V - 230V - 240V 0/50/60Hz**
Power factor	**> 0.97**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**10 - 14 mm**

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-18
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 63000

RINO-EX fluorescent - Zones 1, 2, 21, 22



Light fixtures
in AISI 304 stainless steel

Length (mm)	Power (W)	Tube type	Max. ambient temperature (°C)	Reflector	Version	Palazzoli code
690	1x18	T8	+55	white	on-off	**822181EX**
	2x18					**822182EX**
1300	1x36					**822281EX**
	2x36					**822282EX**

Features: fluorescent tubes are not included.
Light fixture predisposed with 2+1 M20 holes for in-out connection.
2 M8 threaded holes for fixing the accessories.

Accessories RINO-EX fluorescent



Pair of adjustable supports
for wall or ceiling installation

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820010**



Pairs of hooks
for pendant mounting

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820011**



Pair of collars
for mounting steel light fixtures
on tube

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820016**



Pairs of "V" supports
for ceiling installation

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820017**



Pendant mounting
and ceiling adaptation kit

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820018**

Notes: in the case of relamping, the adapter kit enables to adjust the fixing distances of the light fixture to those already present in the system.



Quick fastening kit
for ceiling mounting

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820019**

RINO-EX fluorescent - Zones 2, 21, 22



Atex execution - Gas	**II 3G - Ex nA IIC T4 Gc**
Atex execution - Dust	**II 2D - Ex tb IIIC T 85°C Db**
Body material	**AISI 304 stainless steel**
Surface treatment	**Natural finish**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C5-H**
Mounting system	**Pair of AISI 304 stainless steel hooks**
Ambient operating temperature	**-20°C - +40°C (2 tubes) -20°C - +50°C (1 tube)**
Ambient storage temperature	**-40°C - +70°C**
Lamp holder type	**G13 T8**
Insulation class	**I**
Rated voltage	**230V 50/60Hz**
Power factor	**> 0.90**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**10 - 14 mm**

DIRECTIVES

2014/30/EU (EMC)
2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 55015
EN 60079-0
EN 60079-15
EN 60079-31
EN 60079-7
EN 60598-1
EN 60598-2-1
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 63000

RINO-EX fluorescent - Zones 2, 21, 22



Light fixtures
in AISI 304 stainless steel

Length (mm)	Power (W)	Tube type	Max. ambient temperature (°C)	Reflector	Version	Palazzoli code
690	1x18	T8	+50	white	on-off	**822131EX**
	2x18		+40			**822132EX**
1300	1x36		+50			**822231EX**
	2x36		+40			**822232EX**

Equipment included: pair of hooks in AISI 304 steel for pendant mounting code 820001.
Features: fluorescent tubes are not included.

Accessories RINO-EX fluorescent



Pairs of hooks
for pendant mounting

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820001**



Pair of collars
for installation on pipe

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820006**



Pair of adjustable supports
for wall and ceiling installation

Manufacturing material	Palazzoli code
AISI 304 stainless steel	**820000**

RINO-EX E27 - Zone 22



Atex execution - Dust	**II 3D - Ex tc IIIC T 75°C Dc**
Body material	**Aluminium alloy**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 7035 Light grey (body) RAL 2011 Deep orange (cage)**
Diffuser material	**Prismatic tempered glass**
Protection rating	**IP65**
Impact resistance	**7J (body) 4J (glass)**
Corrosivity category	**Equivalent to C4-M / C3-H**
Mounting system	**Ready for wall installation**
Ambient operating temperature	**-20°C - +40°C**
Ambient storage temperature	**-40°C - +70°C**
Lamp holder type	**E27 porcelain**
Insulation class	**I**
Rated voltage	**230V 50/60Hz**
Power factor	**> 0.90**
Type of power supply	**Spring clamps and M20 cable gland**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**10 - 14 mm**

DIRECTIVES

2014/34/EU (ATEX)
2011/65/EU (RoHS)
2012/19/EU (WEEE)

PRODUCT STANDARDS

EN 60079-0
EN 60079-31
EN 60598-1
EN 60598-2-1
EN 63000

Dimensions on page 504

RINO-EX E27 - Zone 22



Oval light fixtures
in aluminium alloy

Power (W)	Dimensions (W)	Lamp holder type	Max. ambient temperature (°C)	No. of entries	Version	Palazzoli code
18	119x112	E27	+40	1	with steel cage	**831072EX**
28	226x130					**831172EX**
53	295x170					**831272EX**

Equipment included: internal and external earth screw and cable gland.



Round light fixture
in aluminium alloy

Power (W)	Dimensions (W)	Lamp holder type	Max. ambient temperature (°C)	No. of entries	Version	Palazzoli code
28	200x182	E27	+40	1	with steel cage	**830072EX**

Equipment included: internal and external earth screw and cable gland.

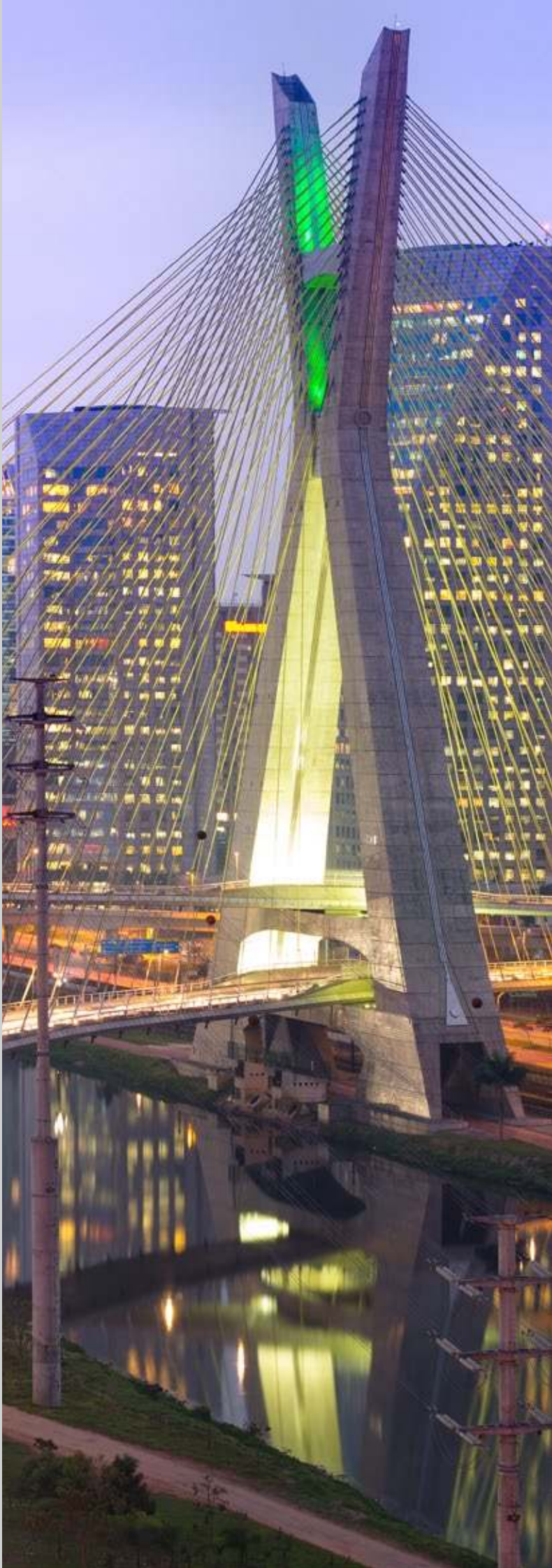
RINO-EX

illuminates the technical premises of Esselunga in Milan

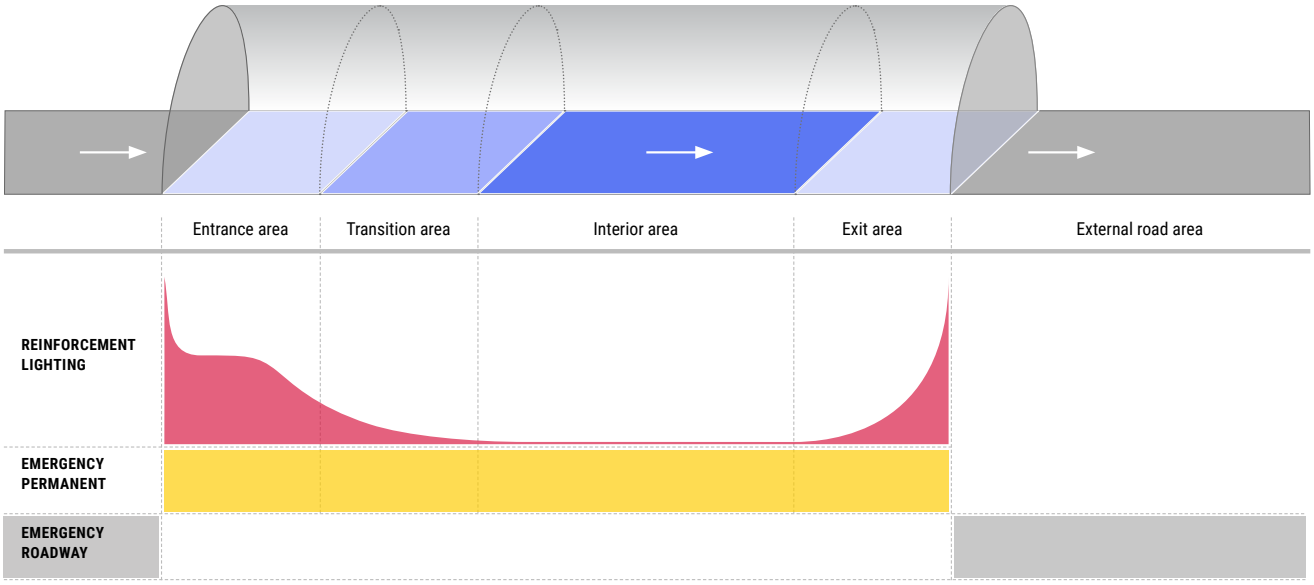


Infrastructure

Excellent lighting performance, high mechanical standards and product reliability are the basis of the success of Palazzoli's lighting solutions for roads and tunnels. Thanks to the wide variety of optical solutions developed, which allow for maximum versatility and customised solutions, the Company can meet any need, whatever the road cross-sections or installation heights of roads and motorways, roundabouts, junctions and car parks. The use of the latest LED technology gives the system economic and technical advantages.







Roadway

Page 399

Tunnels

Page 399

FIT 55

illuminates the Strada dei Parchi



Marine

LIGHT FIXTURES



RINO-NAVE LED

From 930 lm to 4240 lm
Page 419

WELL GLASS FIXTURE



RINO-NAVE LED WELL GLASS FIXTURE

1000 lm
Page 420

TRADITIONAL



RINO fluorescent

Page 423



NAVE E27

Page 425

Infrastructure

ROADWAY LIGHTING SYSTEM



FIT 55

From 2820 lm
to 29920 lm
Page 403

TUNNEL LIGHT FIXTURES



TIGUA-T54

From 4160 lm
to 15600 lm
Page 409



XTIGUA-T54

From 19470 lm
to 49660 lm
Page 409

TUNNEL LIGHT FIXTURES



RINO-T54

From 3630 lm
to 4835 lm
Page 413



XRINO-T54

From 8000 lm
to 42000 lm
Page 413

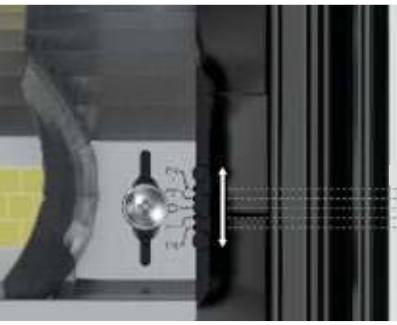
FIT 55



FIT 55

3,000K - 4,000 K - 150,000 h

ADVANTAGES



1

FIT 55 is equipped with the FOS (FIT 55 Optical System), which allows the optics to be adjusted in up to 5 positions, even when the product is already installed, to change the front and side light emission. This makes it possible to improve uniformity between poles or to adjust the optics if the luminous flux glares off the road.

Reflectors made of 99.9% pure aluminium with silver PVD coating for high, long-lasting photometric efficiency and perfect glare control. The average luminous efficacy reaches 166 lm/W, with a lifetime of 150,000 hours at 25°C.

2





3

The isolator switch guarantees safe maintenance even without cutting of the power. The cover can be snapped off the body without tools.
The electronic control unit is equipped protections against short-circuit, overvoltage and overtemperature.

Upon request, FIT 55 can be equipped or designed for the installation of NEMA or ZHAGA SOCKET, to centrally monitor and manage public lighting through wireless control that will allow integration with the IoT world.

4



To discover the features of FIT 55, scan the **QR code**.

FIT 55

3,000K - 4,000 K - 150,000 h



Body material	**Aluminium alloy (EN 46100)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C4-M / C3-H**
Mounting system	**Pole mount 42 - 76 mm Pole-top -5°- +20° Projecting bracket -20°- +5°**
Ambient operating temperature	**-30°C - +40°C (+55°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Wind load surface	**Size S side 0.03 m² - front 0.13 m² Size M side 0.04 m² - front 0.18 m²**
Actual efficacy of the device	**Up to 166 lm/W**
Colour temperature	**4,000 K - 3,000 K**
Optics features	**High efficacy 99.9% aluminium reflector**
Colour rendering index values	**CRI ≥ 70**
Colour consistency	**MacAdam 4-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B10@150,000h Tq= +25°C**
Insulation class	**II - I**
Supply voltage	**220-240V 50/60Hz**
Surge protection	**10kV common mode 6 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.95**
Type of power supply	**M20 cable gland with internal isolator switch for connection**
Max. conductor cross-section	**1 - 2.5 mm²**
Entry cable diameter	**7 - 13 mm**

7 **YEARS OF WARRANTY**
2 YEARS OPTIONALLY EXTENDABLE TO 7

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

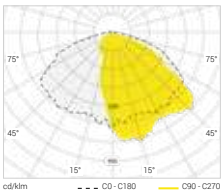
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-3
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Special versions can be made by combining optics, power supplies and colour temperatures. NEMA, ZHAGA socket and CRI 80 versions are also available.



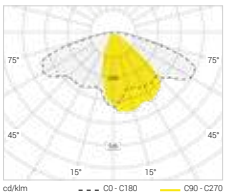
FIT 55 size S

3,000K - 4,000 K - 150,000 h



STR-AM roadway wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
4,000K Class II					
17	3386	2822	glass	virtual midnight	**834110MV**
34	5983	4986			**834120MV**
54	8693	7244			**834130MV**
17	3386	2822		on-off	**834110**
34	5983	4986			**834120**
54	8693	7244			**834130**
37	6906	5755		virtual midnight	**834210MV**
69	11966	9972			**834220MV**
86	14520	12100			**834230MV**
37	6906	5755		on-off	**834210**
69	11966	9972			**834220**
86	14520	12100			**834230**
4,000K Class I					
17	3386	2822	glass	virtual midnight	**854110MV**
34	5983	4986			**854120MV**
54	8693	7244			**854130MV**
37	6906	5755			**854210MV**
69	11966	9972			**854220MV**
86	14520	12100			**854230MV**
3,000K Class II					
34	5342	4452	glass	virtual midnight	**833120MV**
54	7764	6470			**833130MV**
69	11248	9373			**833220MV**
86	13644	11370			**833230MV**



STR-ST roadway narrow beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
4,000K Class II					
17	3386	2822	glass	virtual midnight	**834111MV**
34	5983	4986			**834121MV**
54	8693	7244			**834131MV**
17	3386	2822		on-off	**834111**
34	5983	4986			**834121**
54	8693	7244			**834131**
37	6906	5755		virtual midnight	**834211MV**
69	11966	9972			**834221MV**
86	14520	12100			**834231MV**
37	6906	5755		on-off	**834211**
69	11966	9972			**834221**
86	14520	12100			**834231**
4,000K Class I					
17	3386	2822	glass	virtual midnight	**854111MV**
34	5983	4986			**854121MV**
54	8693	7244			**854131MV**
37	6906	5755			**854211MV**
69	11966	9972			**854221MV**
86	14520	12100			**854231MV**
3,000K Class II					
34	5342	4452	glass	virtual midnight	**833121MV**
54	7764	6470			**833131MV**
69	11248	9373			**833221MV**
86	13644	11370			**833231MV**

Equipment included: swivelling pole mount from -5° to + 20° for pole-top application; from -20° to + 5° for wall mounting with projecting arm.
Suitable for poles with Ø from 42 mm to 76 mm.

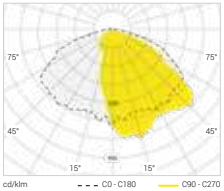
Dimensions on page 506

Technical data on page 402



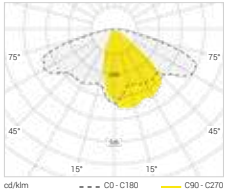
FIT 55 size M

3,000K - 4,000 K - 150,000 h



STR-AM roadway wide beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
4,000K Class II					
54	10160	8467	glass	virtual midnight	**834310MV**
104	17950	14958			**834320MV**
145	24060	20050			**834330MV**
54	10160	8467		on-off	**834310**
104	17950	14958			**834320**
145	24060	20050			**834330**
72	13547	11289		virtual midnight	**834410MV**
139	23933	19944			**834420MV**
177	29352	24460			**834430MV**
72	13547	11289		on-off	**834410**
139	23933	19944			**834420**
177	29352	24460			**834430**
92	16933	14111		virtual midnight	**834510MV**
128	23194	19328			**834520MV**
174	29916	24930			**834530MV**
92	16933	14111		on-off	**834510**
128	23194	19328			**834520**
174	29916	24930			**834530**
101	18665	15554		virtual midnight	**834610MV**
153	28448	23707			**834620MV**
209	35899	29916			**834630MV**
4,000K Class I					
54	10160	8467	glass	virtual midnight	**854310MV**
104	17950	14958			**854320MV**
145	24060	20050			**854330MV**
72	13547	11289			**854410MV**
139	23933	19944			**854420MV**
177	29352	24460			**854430MV**
91.5	16933	14111			**854510MV**
128	23194	19328			**854520MV**
174	29916	24930			**854530MV**
101	18665	15554			**854610MV**
153	28448	23707			**854620MV**
209	35899	29916			**854630MV**
3,000K Class II					
104	16872	14060	glass	virtual midnight	**833320MV**
145	22620	18850			**833330MV**
139	22728	18940			**833420MV**
177	27884	23237			**833430MV**
128	22522	18768			**833520MV**
174	28420	23683			**833530MV**
153	27025	22521			**833620MV**
209	34104	28420			**833630MV**



STR-ST roadway narrow beam optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
4,000K Class II					
54	10160	8467	glass	virtual midnight	**834311MV**
104	17950	14958			**834321MV**
145	24060	20050			**834331MV**
54	10160	8467		on-off	**834311**
104	17950	14958			**834321**
145	24060	20050			**834331**
72	13547	11289		virtual midnight	**834411MV**
139	23933	19944			**834421MV**
177	29352	24460			**834431MV**
72	13547	11289		on-off	**834411**
139	23933	19944			**834421**
177	29352	24460			**834431**
92	16933	14111		virtual midnight	**834511MV**
128	23194	19328			**834521MV**
174	29916	24930			**834531MV**
92	16933	14111		on-off	**834511**
128	23194	19328			**834521**
174	29916	24930			**834531**
101	18665	15554		virtual midnight	**834611MV**
153	28448	23707			**834621MV**
209	35899	29916			**834631MV**
4,000K Class I					
54	10160	8467	glass	virtual midnight	**854311MV**
104	17950	14958			**854321MV**
145	24060	20050			**854331MV**
72	13547	11289			**854411MV**
139	23933	19944			**854421MV**
177	29352	24460			**854431MV**
91.5	16933	14111			**854511MV**
128	23194	19328			**854521MV**
174	29916	24930			**854531MV**
101	18665	15554			**854611MV**
153	28448	23707			**854621MV**
209	35899	29916			**854631MV**
3,000K Class II					
104	16872	14060	glass	virtual midnight	**833321MV**
145	22620	18850			**833331MV**
139	22728	18940			**833421MV**
177	27884	23237			**833431MV**
128	22522	18768			**833521MV**
174	28420	23683			**833531MV**
153	27025	22521			**833621MV**
209	34104	28420			**833631MV**

Equipment included: swivelling pole mount from -5° to + 20° for pole-top application; from -20° to + 5° for wall mounting with projecting arm.
Suitable for poles with Ø from 42 mm to 76 mm.

Dimensions on page 506 *Technical data on page 402*

Accessories FIT 55





Single projecting bracket

Manufacturing material	Palazzoli code
painted galvanised steel	**834901**



Double projecting bracket

Manufacturing material	Palazzoli code
painted galvanised steel	**834902**



Wall installation bracket

Manufacturing material	Palazzoli code
painted galvanised steel	**834903**

TIGUA-T54



TIGUA-T54 and **XTIGUA-T54**

4,000 K - 100,000 h

ADVANTAGES



The body, made entirely of die-cast aluminium with a low copper content, guarantees high mechanical strength, excellent thermal performance and maximum reliability of the electronic components.
TIGUA-T54 ensures the highest standards of comfort and safety through the use of state-of-the-art LEDs.

The variety of optics used and the dedicated fixing systems satisfy any type of installation situation, achieving the perfect balance between visibility, safety and savings.





A wide range of quick-connect mounting brackets allows easy installation of the floodlights.

The electronics chosen for the internal components guarantee high technical lighting performance that lasts over time. Using Palazzoli-branded products means guaranteed quality and reliable performance.



TIGUA-T54 and XTIGUA-T54

4,000 K - 100,000 h





10 **YEARS OF WARRANTY**
2 YEARS WITH OPTIONAL EXTENSION TO 10

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-3
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

Body material	**Low-copper aluminium alloy (EN 44300)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**Grey RAL 7011**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**IK08**
Corrosivity category	**Equivalent to C5-M / C4-H**
Mounting system	**Designed to accommodate supports for attachment to the channel**
Ambient operating temperature	**-30°C - +45°C (+55°C on request)**
Ambient storage temperature	**-40°C - +70°C**
Actual efficacy of the device	**Up to 119 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing, UV-resistant PMMA lenses with >90% efficiency and >95% transparency**
Colour rendering index values	**CRI ≥ 70**
Colour consistency	**MacAdam 5-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B20 100,000h Tq= +25°C**
Insulation class	**II**
Supply voltage	**220-240V 50/60Hz**
Surge protection	**8 kV common mode 10 kV differential mode (EN 61000-4-5)**
Power factor	**≥ 0.98**
Type of power supply	**Plug 16A 2P IP67 IEC EN 60309-1/-2**

Special versions for remote control of the system can be made (radio frequency system, PLC, DALI, etc.).



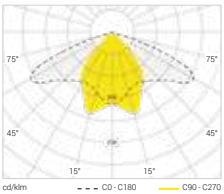
TIGUA-T54 size S

4,000 K - 100,000 h



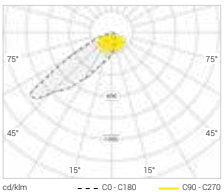
XTIGUA-T54 size M

4,000 K - 100,000 h



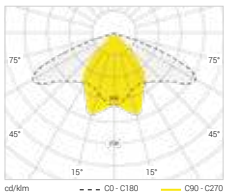
Symmetrical axial and symmetrical transverse optics – PS3

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent and reinforcement					
35	5220	4160	glass	dimmable 1-10	**811404**
51	7830	6240			**811406**
67	10440	8320			**811408**
75	11745	9360			**811409**
100	15660	12480			**811412**
116	18270	14560			**811414**
124	19575	15600			**811415**



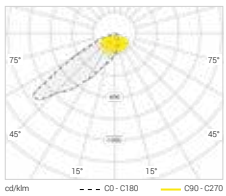
Axial counterbeam 52° and symmetrical transverse optics – RS1

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent and reinforcement					
35	5220	4160	glass	dimmable 1-10	**811504**
51	7830	6240			**811506**
67	10440	8320			**811508**
105	15171	12643			**811509**
100	15660	12480			**811512**
116	18270	14560			**811514**
124	19575	15600			**811515**



Symmetrical axial and symmetrical transverse optics – PS3

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent and reinforcement					
152	23490	19468	glass	dimmable 1-10	**812418**
203	31320	25388			**812424**
253	39150	31850			**812430**



Axial counterbeam 52° and symmetrical transverse optics – RS1

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent and reinforcement					
152	23490	19275	glass	dimmable 1-10	**812518**
203	31320	25137			**812524**
253	39150	31535			**812530**

Equipment included: power supply with 16A 2P IP67 plug according to IEC EN 60309-1/-2 with 1.5 mm² FTG18OM16 cable.
The stated flux and power values may be subject to a +/- 7% tolerance.

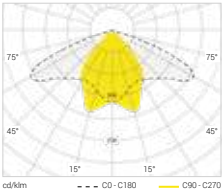
Dimensions on page 506

Technical data on page 408



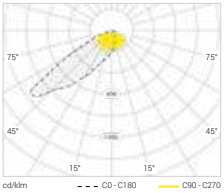
XTIGUA-T54 size L

4,000 K - 100,000 h



Symmetrical axial and symmetrical transverse optics – PS3

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent and reinforcement					
303	46980	38220	glass	dimmable 1-10	**812436**
349	54810	43863			**812442**
397	62640	49663			**812448**



Axial counterbeam 52° and symmetrical transverse optics – RS1

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent and reinforcement					
303	46980	37841	glass	dimmable 1-10	**812536**
349	54810	43429			**812542**
397	62640	48171			**812548**



Pair of quick-release supports

Manufacturing material	Channel dimensions	Palazzoli code
AISI 304 stainless steel	100x75	**811900**
	200x75	**811901**
	300x75	**811902**
	100x100	**811903**
	200x100	**811904**
	300x100	**811905**



Pair of quick-release brackets for transversal adjustment

Manufacturing material	Channel dimensions	Palazzoli code
AISI 304 stainless steel	100x75	**811925**
	200x75	**811926**
	300x75	**811927**
	100x100	**811928**
	200x100	**811929**
	300x100	**811930**



Pair of screw mounting supports

Manufacturing material	Channel dimensions	Palazzoli code
AISI 304 stainless steel	100x75	**811906**



Pair of adjustable supports for screw mounting for transversal adjustment

Manufacturing material	Channel dimensions	Palazzoli code
AISI 304 stainless steel	100x75	**811907**

Equipment included: power supply with 16A 2P IP67 plug according to IEC EN 60309-1/-2 with 1.5 mm² FTG18OM16 cable.
The stated flux and power values may be subject to a +/- 7% tolerance.

Dimensions on page 506 *Technical data on page 408*

Accessories TIGUA -T54 AND XTIGUA-T54



Pair of quick-release supports for axial adjustment, for size S

Manufacturing material	Axial adjustment	Channel dimensions	Palazzoli code
AISI 304 stainless steel	6°	100x75	**811931**
		200x75	**811932**
		300x75	**811933**
		100x100	**811934**
		200x100	**811935**
		300x100	**811936**
	8°	100x75	**811937**
		200x75	**811938**
		300x75	**811939**
		100x100	**811940**
		200x100	**811941**
		300x100	**811942**
	10°	100x75	**811943**
		200x75	**811944**
		300x75	**811945**
		100x100	**811946**
		200x100	**811947**
		300x100	**811948**



Pair of quick-release supports for axial adjustment, for size M

Manufacturing material	Axial adjustment	Channel dimensions	Palazzoli code
AISI 304 stainless steel	6°	100x75	**812931M**
		200x75	**812932M**
		300x75	**812933M**
		100x100	**812934M**
		200x100	**812935M**
		300x100	**812936M**
	8°	100x75	**812937M**
		200x75	**812938M**
		300x75	**812939M**
		100x100	**812940M**
		200x100	**812941M**
		300x100	**812942M**
	10°	100x75	**812943M**
		200x75	**812944M**
		300x75	**812945M**
		100x100	**812946M**
		200x100	**812947M**
		300x100	**812948M**



Pair of quick-release supports for axial adjustment, for size L

Manufacturing material	Axial adjustment	Channel dimensions	Palazzoli code
AISI 304 stainless steel	6°	100x75	**812931L**
		200x75	**812932L**
		300x75	**812933L**
		100x100	**812934L**
		200x100	**812935L**
		300x100	**812936L**
	8°	100x75	**812937L**
		200x75	**812938L**
		300x75	**812939L**
		100x100	**812940L**
		200x100	**812941L**
		300x100	**812942L**
	10°	100x75	**812943L**
		200x75	**812944L**
		300x75	**812945L**
		100x100	**812946L**
		200x100	**812947L**
		300x100	**812948L**

RINO-T54 and **XRINO-T54**

4,000 K - 240,000 h



10 **YEARS OF WARRANTY**
2 YEARS WITH OPTIONAL EXTENSION TO 10

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-3
EN 60598-2-5
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000

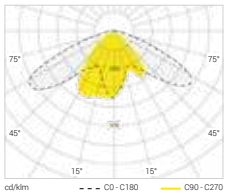
Body material	**AISI 316L stainless steel**
Surface treatment	**Natural finish**
Diffuser material	**Extra clear tempered glass**
Protection rating	**IP66**
Impact resistance	**IK09**
Corrosivity category	**Equivalent to C5-H**
Mounting system	**Designed to accommodate supports for attachment to the channel**
Ambient operating temperature	**-30°C - +40°C**
Ambient storage temperature	**-30°C - +70°C**
Actual efficacy of the device	**Up to 145 lm/W**
Colour temperature	**4,000 K**
Optics features	**High efficacy 99.9% aluminium reflector**
Colour rendering index values	**CRI ≥ 70**
Colour consistency	**MacAdam 5-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 3%**
Luminous flux maintenance	**L80 B10 240.000h Tq= +25°C**
Insulation class	**II**
Supply voltage	**220-240V 50/60Hz**
Surge protection	**10kV common mode and differential mode (EN 61000-4-5)**
Power factor	**≥ 0.98**
Type of power supply	**Plug 16A 2P IP67 IEC EN 60309-1/-2**

Special versions for remote control of the system can be made (radio frequency system, PLC, DALI, etc.).



XRINO-T54 size S

4,000 K - 240,000 h



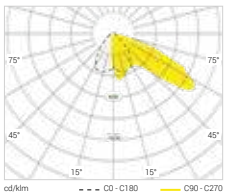
Symmetrical axial and asymmetrical transverse optics – PA5

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Permanent					
25	4353	3628	glass	dimmable 1-10	**829110**
35	5800	4827			**829120**
45	7200	6000			**829130**



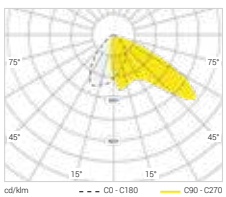
XRINO-T54 size M

4,000 K - 240,000 h



Axial counterbeam 55° and symmetrical transverse optics – RS5

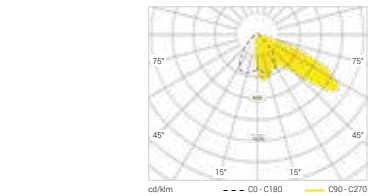
Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Reinforcement					
56	9600	8000	glass	dimmable 1-10	**829211**
75	12,000	10000			**829212**
104	19200	16000			**829221**
158	27600	23000			**829222**



Axial counterbeam 55° and asymmetrical transverse optics – RA5

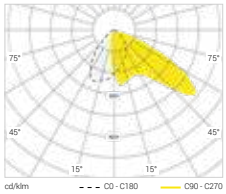
56	9600	8000	glass	dimmable 1-10	**829311**
75	12,000	10000			**829312**
104	19200	16000			**829321**
158	27600	23000			**829322**

Equipment included: power supply with 16A 2P IP67 plug according to IEC EN 60309-1/-2 with 1.5 mm² FTG18OM16 cable.
The stated flux and power values may be subject to a +/- 7% tolerance.



Axial counterbeam 55° and symmetrical transverse optics – RS5

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Reinforcement					
197	36000	30000	glass	dimmable 1-10	**829231**
260	45600	38000			**829232**
300	50400	42000			**829233**



Axial counterbeam 55° and asymmetrical transverse optics – RA5

197	36000	30000	glass	dimmable 1-10	**829331**
260	45600	38000			**829332**
300	50400	42000			**829333**



Bracket for quick fastening to floodlight channel – size S

Manufacturing material	Channel dimensions	Palazzoli code
AISI 316L stainless steel	100x75 / 100x100	**829001**
	200x75 / 200x100	**829002**
	300x75 / 300x100	**829003**



Bracket for quick fastening to floodlight channel – size M

Manufacturing material	Channel dimensions	Palazzoli code
AISI 316L stainless steel	100x75 / 100x100	**829101**
	200x75 / 200x100	**829102**
	300x75 / 300x100	**829103**



Bracket for quick fastening to floodlight channel size L

Manufacturing material	Channel dimensions	Palazzoli code
AISI 316L stainless steel	100x75 / 100x100	**829201**
	200x75 / 200x100	**829202**
	300x75 / 300x100	**829203**

Marine

Thanks to the knowledge acquired in more than one hundred years of experience on military ships and submarines, oil platforms and cruise ships, Palazzoli is now able to offer a series of products whose technology meets all the requirements of the sector. The ceiling lights are available in stainless steel for outdoors or galvanised steel for indoors. They are corrosion resistant thanks to the buttons that replace the welds and guarantee high performance over time thanks to the materials used.





From over one hundred years of experience with military ships and submarines, oil platforms and cruise ships, Palazzoli has built its in-depth knowledge of a sector to which it is now able to offer technology suitable for any application.
Stainless steel versions for outdoors or galvanised steel versions for indoors are the Company's workhorse.

LED light fixtures Page 419

Traditional Page 423

RINO-NAVE



RINO-NAVE LED

4,000 K - 50,000 h

ADVANTAGES



1

The total absence of welds replaced by “embossings” guarantees the stainlessness of the product and consequently its extreme durability. The painted AISI 316L stainless steel body is ideal for outdoor installation in marine environments.

Long-lasting efficiency is guaranteed by the diffuser made of unbreakable, self-extinguishing (V2 grade), UV-stabilised, non-yellowing polycarbonate.



2



3

The naval light fixtures are equipped with stainless steel fixing pins with integrated anti-vibration system. Stainless steel click connections guarantee perfect tightness and maximum impact resistance.

Colour rendering is ensured by the use of light sources with Colour Rendering Index (CRI) 90. The emission of the luminous flux is controlled by a protective cover that can make the outgoing light beam more uniform.



4

RINO-NAVE LED

4,000 K - 50,000 h



Body material	**Painted AISI 316L stainless steel Painted galvanised steel**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9016**
Diffuser material	**Transparent and opal polycarbonate**
Protection rating	**IP66/IP67**
Impact resistance	**IK09**
Corrosivity category	**Equivalent to C5-H AISI 316L stainless steel C5-M / C4-H painted galvanised steel**
Mounting system	**Provided with 2 M8 threaded holes**
Ambient operating temperature	**-25°C - +50°C 0°C - +35°C (emergency versions)**
Ambient storage temperature	**-40°C - +70°C -30°C - +50°C (emergency versions)**
Actual efficacy of the device	**Up to 106 lm/W**
Colour temperature	**4,000 K**
Optics features	**Non-ageing and UV-resistant PMMA lenses**
Colour rendering index values	**CRI ≥ 90**
Colour consistency	**MacAdam 3-step**
Photobiological risk	**RG0 - Exempt Group (EN 62471)**
Residual flicker	**< 1%**
Luminous flux maintenance	**L80 B20 @50,000 h Tq= +25°C**
Emergency battery lifetime	**3h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**200-240V 0/50/60Hz**
Surge protection	**2 kV common mode and differential mode (EN 61000-4-5)**
Power factor	**≥ 0.90**
Type of power supply	**Screw terminals and M20 cable glands**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 to 15 mm**

4 **YEARS OF WARRANTY**
2 YEARS WITH OPTIONAL EXTENSION TO 4

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

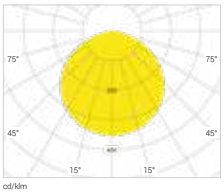
EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-22
EN 60598-2-24
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 62471
IEC/TR 62778
EN 63000



RINO-NAVE LED

690 mm

4,000 K - 50,000 h



110° symmetrical optics

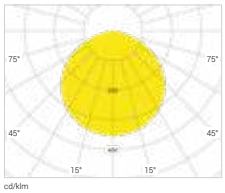
Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Painted galvanised steel					
20	2200	2123	transparent polycarbonate	on-off	**849141**
40	4400	4244	transparent polycarbonate	on-off	**849142**
20	2200	1935	opal polycarbonate	on-off	**841141**
40	4400	3870	opal polycarbonate	on-off	**841142**
Emergency					
20	2200	2123 962 in EM	transparent polycarbonate	on-off emergency 3h	**849171**
40	4400	4244 945 in EM	transparent polycarbonate	on-off emergency 3h	**849172**
20	2200	1935 962 in EM	opal polycarbonate	on-off emergency 3h	**841171**
Painted AISI 316L stainless steel					
20	2200	1935	opal polycarbonate	on-off	**878141**
40	4400	3870	opal polycarbonate	on-off	**878142**
Bulkhead					
20	2200	1935	opal polycarbonate	on-off	**878741**
40	4400	3870	opal polycarbonate	on-off	**878742**



RINO-NAVE LED

1,300 mm

4,000 K - 50,000 h



110° symmetrical optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Painted galvanised steel					
40	4400	4244	transparent polycarbonate	on-off	**849243**
40	4400	3870	opal polycarbonate	on-off	**841243**
Emergency					
40	4400	4244 920 in EM	transparent polycarbonate	on-off emergency 3h	**849273**
40	4400	3870 910 in EM	opal polycarbonate	on-off emergency 3h	**841273**
Painted AISI 316L stainless steel					
40	4400	3870	opal polycarbonate	on-off	**878243**



Pair of supports for bulkhead installation

Manufacturing material	Palazzoli code
AISI 316L stainless steel	**820007**

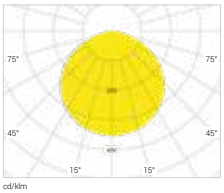
Equipment included: 2 terminal blocks 2P+T for supply line entry/exit.
2 cable glands and 1 nickel-plated brass cap.
The indicated flux and power values have a tolerance of +/-7%.



RINO-NAVE LED

460 mm

4,000 K - 50,000 h



110° symmetrical optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Painted galvanised steel					
21	2646	2205	opal polycarbonate	on-off	**841040**

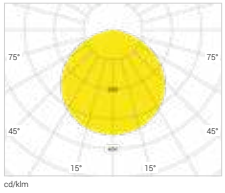
Equipment included: 1 cable glands and 1 nickel-plated brass cap.
The indicated flux and power values have a tolerance of +/-7%.



RINO-NAVE LED

WELL GLASS FIXTURE

4,000 K - 50,000 h



110° symmetrical optics

Power (W)	Nominal flux (lm)Tj=25° C	Output flux (lm)Tq=25 °C	Diffuser	Version	Palazzoli code
Aluminium alloy					
10	1200	1,000	glass	on-off	**813001**



Wall installation bracket

Manufacturing material	Palazzoli code
AISI 316L stainless steel	**813101**

Equipment included: 1 connector
The indicated flux and power values have a tolerance of +/-7%.

Dimensions on page 507 *Technical data on page 418*

RINO-NAVE

illuminates the MSC Seaside ship





PUBLIC
TUNNELS
MARINE

RINO-NAVE fluorescent



Body material	**AISI 316L stainless steel Painted galvanised steel**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 9016**
Diffuser material	**Transparent and opal polycarbonate**
Protection rating	**IP66/IP67**
Impact resistance	**IK09**
Corrosivity category	**Equivalent to C5-H AISI 304 stainless steel C5-M / C4-H painted galvanised steel**
Mounting system	**Provided with 2 M8 threaded holes**
Ambient operating temperature	**-25°C - +50°C 0 °C - +35 °C (emergency versions)**
Ambient storage temperature	**-40°C - +70°C -30°C - +50°C (emergency versions)**
Lamp holder type	**G5 T5**
Emergency battery lifetime	**1h**
Emergency battery charging time	**24h**
Insulation class	**I**
Supply voltage	**220-240V 0/50/60Hz**
Power factor	**> 0.90**
Type of power supply	**Screw terminals and M20 cable glands**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 to 15 mm**

DIRECTIVES

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 55015
EN 60598-1
EN 60598-2-1
EN 60598-2-22
EN 60598-2-24
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 62311
EN 62493
EN 63000

RINO-NAVE fluorescent



Light fixtures in painted galvanised steel

Length (mm)	Power (W)	Tube type	Diffuser	Reflector	Version	Palazzoli code
690	2x14	T5	transparent polycarbonate	white	on-off	**849062**
	2x24					**849562**
	1+1x14				emergency 1h	**849011**
	1+1x24					**849511**
1300	2x28				on-off	**849462**
	1+1x28				emergency 1h	**849411**
690	2x14		opal polycarbonate		on-off	**841062**
	2x24					**841562**
	1+1x14				emergency 1h	**841011**
1300	2x28				on-off	**841462**
	1+1x28				emergency 1h	**841411**

Equipment included: 2 terminal blocks 2P+T for supply line entry/exit.
2 cable glands and 1 nickel-plated brass cap.
Fixing kit with screws, gaskets and washers.
Features: fluorescent tubes are not included.
Notes: for light fixtures in emergency the operating temperature is 0 °C - +35 °C.



Painted 316L stainless steel light fixtures

Length (mm)	Power (W)	Tube type	Diffuser	Reflector	Version	Palazzoli code
690	2x14	T5	opal polycarbonate	white	on-off	**879062**
	2x24					**879562**
1300	2x28					**879462**

Equipment included: 2 terminal blocks 2P+T for supply line entry/exit.
2 cable glands and 1 nickel-plated brass cap.
Fixing kit with screws, gaskets and washers.
Features: fluorescent tubes are not included.



Painted 316L stainless steel light fixtures for bulkhead

Length (mm)	Power (W)	Tube type	Diffuser	Reflector	Version	Palazzoli code
690	2x14	T5	opal polycarbonate	white	on-off	**881062**
	2x24					**881562**

Equipment included: 2 terminal blocks 2P+T for supply line entry/exit.
Features: fluorescent tubes are not included.
Notes: the light fixture is completed with the code 820007.



Pair of supports for bulkhead installation

Manufacturing material	Palazzoli code
AISI 316L stainless steel	**820007**

NAVE E27 bulkhead light fixtures and cylindrical well glass fixtures





Body material	**Brass (EN 46100)**
Surface treatment	**Fluorozirconate passivation**
Surface finish	**Non-toxic polyester, anti UV, kiln-polymerised coating**
Colour	**RAL 7040 (brass) RAL 7042 (thermosetting GRP)**
Diffuser material	**Prismatic tempered glass**
Protection rating	**IP66**
Impact resistance	**IK07**
Mounting system	**Ready for wall installation**
Ambient operating temperature	**-40°C - +70°C**
Ambient storage temperature	**-50°C - +80°C**
Lamp holder type	**Type E27 in porcelain**
Insulation class	**I**
Supply voltage	**230V 0/50/60Hz**
Type of power supply	**M20 cable gland**
Max. conductor cross-section	**2.5 mm²**
Entry cable diameter	**7 - 13 mm**

CE

DIRECTIVES

2014/30/EU (EMC)
2011/65/EU (RoHS)
2012/19/EU (WEEE)
2009/125/EC (ErP)
EU Reg. 2019/2020 (EcoDesign)

PRODUCT STANDARDS

EN 60598-1
EN 60598-2-1
EN 63000

NAVE E27 bulkhead light fixtures and cylindrical well glass fixtures



Bulkhead light fixtures in painted brass

Power (W)	Dimensions (W)	Lamp holder type	Diffuser	No. of cable glands	Version	Palazzoli code
60	199x112	E27	glass	2	UNAV 2135	**831089**
75	226x130					**831189**
100	295x170					**831289**

Equipment included: M24x1.5 brass cable glands. Internal and external earth screws.



Stainless steel wire protection cage for oval light fixtures type UNAV 2135

Manufacturing material	Light fixture power (W)	Palazzoli code
Stainless steel	60	**831527**
	75	**831627**
	100	**831727**



Swann bayonet lamp holder

Manufacturing material	Type	Palazzoli code
brass	B 22d 4A 250V	**859412**



Cylindrical well glass fixture in painted brass

Power (W)	Lamp holder type	Diffuser	No. of cable glands	Version	Palazzoli code
75	E27	glass	2 opposite	UNAV 2132	**850143**
60			2 combined bulkhead feedthrough	UNAV 2133	**850054**

Equipment included: 3/4" feedthrough brass cable glands. Internal and external earth screws.



Bodies for cylindrical well glass fixtures in painted brass

Power (W)	Lamp holder type	Diffuser	No. of cable glands	Version	Palazzoli code
60	E27	glass	2 opposite	UNAV 2133	**850045**
			2 combined	UNAV 2134	**815161**

Equipment included: brass cable glands. Internal and external earth screws.
Features: the item code 815181 is UNAV 1796.



Diffusers for cylindrical well glass fixtures

Power (W)	Lamp holder type	Diffuser	Colour	Version	Palazzoli code
60	E27	smooth glass	transparent	UNAV 1268	**850060**
40			blue		**850061**
			yellow		**850062**
			red		**850063**
			green		**850064**



Cylindrical well glass fixture in thermosetting GRP with steel protective cage

Power (W)	Lamp holder type	Diffuser	No. of entries	Version	Palazzoli code
60	E27	ribbed glass	1 M20	portable UNAV 2137	**814052**

Equipment included: cable entry with 1 M20 cable gland and internal cable clamp.
Features: diffuser in ribbed clear glass. Lamp holder in porcelain.



Diffuser for portable well glass fixture

Power (W)	Lamp holder type	Diffuser	Colour	Version	Palazzoli code
60	E27	ribbed glass	transparent	UNAV 1268	**819012**

Accessories NAVE light fixtures and cylindrical well glass fixtures E27



Globe-holder ring
for watertight cylindrical well glass fixtures
type UNAV 2133

Manufacturing material	Well glass fixture power (W)	Palazzoli code
nickel-plated brass	60	**850050**



Ceiling installation bases
for cylindrical well glass fixtures
type UNAV 2132, 2122, 2134

Manufacturing material	Type	Palazzoli code
galvanised and tropicalised steel	A UNAV 1228	**850090**



Wall mounting bases
for cylindrical well glass fixtures
type UNAV 2132, 2122, 2134

Manufacturing material	Type	Palazzoli code
galvanised and tropicalised steel	B UNAV 1228	**850091**



Swann lamp holder with fins

Manufacturing material	Type	Palazzoli code
brass	B 22d 4A 250V	**859400**



Protection cage in stainless steel wire for watertight cylindrical well glass fixtures
type UNAV 2132

Manufacturing material	Well glass fixture power (W)	Palazzoli code
Stainless steel	60	**819022**
	75	**850172**



Reflectors
for cylindrical well glass fixtures

Manufacturing material	Well glass fixture power (W)	Palazzoli code
painted galvanised steel	60	**819030**
	75	**819130**
	100	**819230**



Brass cable gland
UNAV 1062 type

Threading	Palazzoli code
M24x1.5	**585480**



Brass screw cap with gaskets

Threading	Palazzoli code
M24x1.5	**585490**



Washers with seals

Manufacturing material	Diameter (mm)	Palazzoli code
brass	10	**585408**
	13	**585412**
	16	**585415**

Services



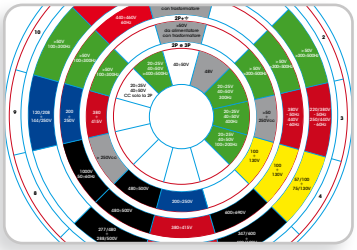
SPARE PARTS

Page 428



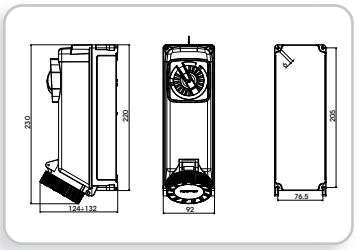
LABORATORY TESTS

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CERTIFICATIONS AND STANDARDS

Page 444



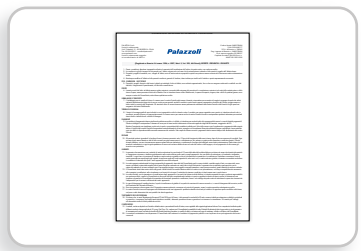
DIMENSIONS

From 3630 lm to 4835 lm
Page 454

750550	8	1	59-127	760347
750650	8	1	59-127	760349
750750	8	1	59-127	760434
751530	8	1	59	760436
751550	8	1	59	760437
751650	8	1	59	760439
751750	8	1	59	760444

SEQUENTIAL INDEX

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CONDITIONS OF SALE

Page 529

Spare parts



90° angled
wall-mounted fixed plugs
for heavy-duty applications
50/60Hz IP67

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	yellow	2P+ ⏚	4	**476203**	1
	110	yellow	3P+ ⏚	4	**476213**	1
	110	yellow	3P+N+ ⏚	4	**476223**	1
	230	blue	2P+ ⏚	6	**476303**	10
	230	blue	3P+ ⏚	9	**476313**	1
	230	blue	3P+N+ ⏚	9	**476323**	1
	400	red	2P+ ⏚	9	**476403**	1
	400	red	3P+ ⏚	6	**476413**	1
	400	red	3P+N+ ⏚	6	**476423**	1
32	110	yellow	2P+ ⏚	4	**476206**	1
	110	yellow	3P+ ⏚	4	**476216**	1
	110	yellow	3P+N+ ⏚	4	**476226**	1
	230	blue	2P+ ⏚	6	**476306**	1
	230	blue	3P+ ⏚	9	**476316**	1
	230	blue	3P+N+ ⏚	9	**476326**	1
	400	red	2P+ ⏚	9	**476406**	1
	400	red	3P+ ⏚	6	**476416**	1
	400	red	3P+N+ ⏚	6	**476426**	1
	380/440	red	3P+ ⏚	3	**476486**	1



Blind front panel for PRIMA distribution boards

Description	Palazzoli code	Pack Qty
Spare blind frontal part	**579592**	1



Cover with transparent door
for PRIMA distribution boards

Description	No. of DIN modules	Palazzoli code	Pack Qty
spare blind frontal part	9	**579462**	1

Equipment included: stainless steel screws, DIN rail.
Uses: RCDS can be installed for protection against indirect contacts.



Spacer kit for terminal blocks
of PRIMA sockets
with fuses in flush-mounted boxes

Description	Palazzoli code	Pack Qty
3 spacers thickness 1 mm	**579590**	1



Aesthetic frame
for topTER socket-outlets

Description	Palazzoli code	Pack Qty
reduces the flange hole from 88x100 to 65x83	**579846**	1



Kit for mounting
padlockable handles
on 0 and 1 positions
for 16A to 63A devices

For TAIS socket-outlets module	For ALUPRES socket-outlets module	For CAM devices module	Palazzoli code	Pack Qty
M95	M92	M95	**538295**	1
M125	M125	M125	**538225**	1

Equipment included: kit consisting of front plate, handle, screw cover cap, screw and washer.



Kit for mounting
padlockable emergency handles
in 0 and 1 positions
for 16A to 63A devices

For TAIS socket-outlets module	For ALUPRES socket-outlets module	For CAM devices module	Palazzoli code	Pack Qty
M95	M92	M95	**538395**	1
M125	M125	M125	**538325**	1

Equipment included: kit consisting of front plate, handle, screw cover cap, screw and washer.



Padlockable spare knobs
for switched socket-outlets
and control devices

For socket-outlets and control devices of the TAIS - ALUPRES - CAM series	Block position	Palazzoli code	Pack Qty
module 92 - 95	0	**270902**	1
module 92 - 95	1	**270903**	1
module 125	0	**270912**	1
module 125	1	**270913**	1

Uses: prevents the operation of unqualified persons. Very useful during maintenance operations for the block in position 0.



Padlockable emergency spare knobs
for switched socket-outlets
and control devices

For socket-outlets and control devices of the TAIS - ALUPRES - CAM series	Block position	Palazzoli code	Pack Qty
module 92 - 95	0	**270914**	1
module 125	0	**270916**	1

Features: thermoplastic material.

Spare parts



Spare socket inserts with metal support for TAIS and ALUPRES socket-outlets 50/60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	230V		2P+⏚	6	**472970**	1
	400V		3P+⏚	6	**472971**	1
	400V		3P+N+⏚	6	**472972**	1
125	400V		3P+⏚	6	**472980**	1
	400V		3P+N+⏚	6	**472981**	1

Notes: not compatible with black inserts.



Spare socket inserts for socket-outlets with transformer

Series	Power (VA)	Palazzoli code	Pack Qty
TAIS M95 - ULYSSE	150	**472990**	1
ALUPRES	144	**472991**	1



Replacement transformer for 24V and 48V sockets 50/60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Power (VA)	Palazzoli code	Pack Qty
16	230/24		150	**471950**	1
	230/24		144	**471922**	1
	400/24		144	**471932**	1
32	230/48		720	**471908**	1
	400/48		720	**471909**	1



Spare signalling lamp for sockets with MCB of the TAIS and ALUPRES series

Rated current (A)	Rated voltage (V)	Palazzoli code	Pack Qty
16-32-63	110	**474951**	1
	230	**474953**	1
	400	**474955**	1



Spare CAM switches for sockets with switch of the TAIS and ALUPRES series

Rated current (A)	Poles	Type	Palazzoli code	Pack Qty
16	4P	CAM	**274854**	1
32	2P - 4P	CAM	**274857**	1
63	4P	CAM	**274828**	1
125	4P	CAM	**274948**	1

Notes: for 16A and 32A socket-outlets manufactured before 1990.
Use 4P switches also when replacing 2P and 3P switches and wire only those that are required.



Spare switches for sockets with switch of the ULYSSE, TAIS and ALUPRES series

Rated current (A)	Poles	Palazzoli code	Pack Qty
16 -32	2P - 4P	**274657**	1
63	3P - 4P	**274658**	1
125	3P - 4P	**274659**	1

Notes: use 4P switches also when replacing 2P and 3P switches and wire only those that are necessary.



Kit for mounting auxiliary contacts for 16A and 32A TAIS socket-outlets

For TAIS - ULYSSE - ALUPRES socket-outlets	Contact type 10A	Palazzoli code	Pack Qty
16A - 32A	NCP - NAA - NC NA - NA+NC	**270335**	1

Equipment included: kit consisting of protection cap, contact control cam and door lock.
Notes: auxiliary contacts not included.

Spare parts



Spare screwcaps
for Diazed fuse-holder bases
for TAIS and ALUPRES socket-outlets

Rated current (A)	Fuse type	Palazzoli code	Pack Qty
25	E16 (NDz) reduced	**347001**	10
25	E27 (DII)	**347003**	50
63	E33 (DIII)	**347005**	50

* only for code 347082.



Diazed fast fuses
500V

Fuse holder base	Rated current (A)	Palazzoli code	Pack Qty
E16 (NDz)	16	**348117**	25
E16 (NDz)	25	**348122**	25
E16 (NDz)	30	**348123**	25
E33 (DIII)	32	**348326**	25
E33 (DIII)	63	**348333**	5



Diazed delayed fuses
500V

Fuse holder base	Rated current (A)	Palazzoli code	Pack Qty
E16 (NDz)	16	**349117**	25
E16 (NDz)	25	**349122**	25
E16 (NDz)	30	**349123**	25
E27 (DII)	16	**349217**	25
E33 (DIII)	32	**349326**	25
E33 (DIII)	63	**349333**	5



ACR fuses
with high breaking capacity
500V

Fuse holder base	Rated current (A)	Palazzoli code	Pack Qty
NH-00	100	**339039**	3
NH-00	125	**339041**	3
NH-1	200	**339147**	3
NH-1	250	**339150**	3
NH-2	400	**339259**	3
NH-3	630	**339367**	1



NH fuse extraction handles

For fuses	Palazzoli code	Pack Qty
NH-00-0-1-2-3	**339998**	10
NH-00	**339988**	1

Features: code 339988 is to be used with devices code 283053, code 293053, code 337010, code 337050 and 125A interlocked socket-outlets.



Fittings with Pg threading
in technopolymer
for composition of socket boards
IP67

Pg	Mounting hole (mm)	For cable Ø (mm)	Palazzoli code	Pack Qty
21	29	17	**580242**	5
29	38	24	**580243**	5
36	48	37	**580244**	1



Transparent lids
in polycarbonate
for modular devices

No. of DIN modules	Dimensions (mm)	Palazzoli code	Pack Qty
4	92x84x30	**538610**	10
6.5 or 7.5	152x84x30	**538620**	10
9 or 11	214x84x30	**538630**	5

Features: padlockable lid and with tamper-proof screw.

Spare parts



Spare gaskets in non-ageing elastomer for socket-outlets and boxes of the TAIS and ALUPRES series

For windows	Palazzoli code	Pack Qty
F0	**540000**	1
F1	**540001**	1
F2	**540002**	1
F3	**540003**	1
F4	**540004**	1
F5	**540005**	1
F6	**540006**	1



Spare socket/plug inserts with flat poles FP type

For socket/plug code	Palazzoli code	Pack Qty
422039, 421029	**421909**	1
427019	**427909**	1



Spare switches for sockets with flat poles ALUPRES series

For socket code	Switch type	Palazzoli code	Pack Qty
422039	3x400A	**274772**	1



Spare blind door for TAIS CUBE boards IP66

Size	Outer dimensions (mm)	Palazzoli code	Pack Qty
1	260x305	**550701**	1
2	340x430	**550702**	1
3	450x505	**550703**	1
4	450x655	**550704**	1
5	560x655	**550705**	1
6	630x810	**550706**	1
7	850x1060	**550707**	1



Spare transparent door for TAIS CUBE boards IP66

Size	Outer dimensions (mm)	Palazzoli code	Pack Qty
1	260x305	**550731**	1
2	340x430	**550732**	1
3	450x505	**550733**	1
4	450x655	**550734**	1
5	560x655	**550735**	1
6	630x810	**550736**	1
7	850x1060	**550737**	1



Spare standard lock kit

No. of locks	Size	Palazzoli code	Pack Qty
2	all TAIS CUBE series boards	**550689**	1

Spare parts



Domestic socket Italian standard bivalent P11/P17

Description	Pitch (mm)	Type	No. of modules	For pins (mm)	Palazzoli code	Pack Qty
2P+T 10/16A Dual	19/26	P11/P17	1	Ø 4/5	**641216**	1

Features: shuttered receptacles. Rear terminals equipped with cable tie plates and captive screws.



Schuko domestic socket Italian/German standard P30

Description	Pitch (mm)	Type	No. of modules	For pins (mm)	Palazzoli code	Pack Qty
2P+T 10/16A UNEL/P30 Schuko type (with lateral and central earth)	19	P30	2	Ø 4/4.8	**643216**	10

Features: shuttered receptacles.
Rear terminals equipped with cable tie plates and captive screws.



Spare diffusers for signalling lamps TAIS MIGNON series

Colour	Palazzoli code	Pack Qty
red	**800091**	10
green	**800092**	10
yellow	**800094**	10
transparent	**800093**	10



Screwcaps with Gas threading IP67

Mounting hole type (mm)	Palazzoli code	Pack Qty
3/8"	**580051**	5
1/2"	**580052**	5
3/4"	**580054**	5

Uses: it closes unused Gas threaded holes.



Coupling fittings with Gas threading IP67

Mounting hole type (mm)	Internal hole ø (mm)	Palazzoli code	Pack Qty
1/2"	16	**590002**	5
3/4"	20	**590004**	1

Equipment included: complete with gasket in elastomer.
Uses: they are used to couple boxes with the same passage holes.



Spare coils for ALARM and NAVE sirens

Rated voltage (V)	For siren code	Palazzoli code	Pack Qty
24	900453, 900553	**900459**	1
110	900463, 900563	**900469**	1
230	900473, 900573	**900479**	1



Spare coils for ALARM and NAVE bells

Rated voltage (V)	For siren code	Palazzoli code	Pack Qty
24	900253, 900255, 900355	**900259**	1
110	900263, 900265, 900266, 900365	**900269**	1
230	900273, 900375	**900279**	1

Spare parts



Spare door kit
for assemblies

For distribution boards type	Palazzoli code	Pack Qty
ENERGYBOX surface/zone	**501531**	1



Spare handles
for control devices
of the CAM series

For control devices type	Palazzoli code	Pack Qty
for distribution boards, flush-mounting and cabinets 16/25A	**270901**	1
for distribution boards, flush-mounting and cabinets 40/63A	**270911**	1
for boxes, distribution boards and cabinets 100/200A, for interlocked socket-outlets 125A	**270921**	1



Spare inserts
for watertight control devices
of NAVE series
UNAV 2162 type

Device code	Palazzoli code	Pack Qty
232616, 232626, 262636	**239611**	5
232627, 232637	**239612**	5
232628	**239613**	5



Spare levers
for control devices
of the CAM series
for back panel mounting

For control devices type	Palazzoli code	Pack Qty
16/25A	**270941**	1
40/63A	**270951**	1
100/800A	**270961**	1

Spare parts



Spare glass diffusers
for oval bulk-head lamps
UNAV 2132

Colour	Light fixtures max. power	Palazzoli code	Pack Qty
transparent	60W	**831512**	1
	75W	**831612**	1
	100W	**831712**	1



Spare glass diffusers
for round bulk-head lamps

Colour	Light fixtures max. power	Palazzoli code	Pack Qty
transparent	75W	**830512**	1



Spare gaskets
in non-ageing elastomer
for oval bulkhead lamps

Light fixtures max. power	Palazzoli code	Pack Qty
60W	**831540**	1
75W and 5-7W	**831640**	1
100W and 5-7-9W	**831740**	1



Spare gaskets
in non-ageing elastomer
for round bulkhead lamps

Light fixtures max. power	Palazzoli code	Pack Qty
75W	**830540**	1



Spare lamp holders E27
in porcelain with bracket
for oval and round bulk-head lamps

Manufacturing material	Palazzoli code	Pack Qty
porcelain	**819056**	10



Spare lamp holders E27
in porcelain for RINO
cylindrical lighting fixtures
and NAVE series
UNAV 2137

Manufacturing material	Palazzoli code	Pack Qty
porcelain	**819055**	20



Spare diffusers in polycarbonate
for RINO steel light fixtures

Length (mm)	Manufacturing material	Diffuser colour	Palazzoli code	Pack Qty
690	polycarbonate	transparent	**820020**	1
	polycarbonate	opaline	**820021**	1
	glass	transparent	**820022**	1
1300	polycarbonate	transparent	**820030**	1
	polycarbonate	opaline	**820031**	1
	glass	transparent	**820032**	1

Notes: the following codes are suitable for fluorescent light fixtures in the industrial and naval sectors and LED light fixtures in the naval sector.

Spare parts



Spare lamp holders E27
for NAVE well glass fixtures
UNAV 2132, 2133, 2134

Manufacturing material	Palazzoli code	Pack Qty
porcelain	**859180**	1



Spare support
with screws for fixing the lamp holder
for well glass fixtures NAVE series
UNAV 1236.1

Well glass fixtures max. power	Palazzoli code	Pack Qty
75W	**859188**	10



Cylindrical diffuser
in smooth glass
for well glass fixtures
UNAV 2132

Well glass fixtures max. power	Palazzoli code	Pack Qty
75W	**819160**	1



Spare gaskets
in non-ageing elastomer
for well glass fixtures
of the RINO and NAVE series

Well glass fixture type	Well glass fixtures max. power	Palazzoli code	Pack Qty
cylindrical	60W	**819040**	1
	75W	**819140**	1
	100W	**831640**	1
UNAV 2133	60W	**850080**	1



Spare globe holder ring
in grey brass for well glass fixtures
with cylindrical diffuser of the NAVE series
UNAV 2134

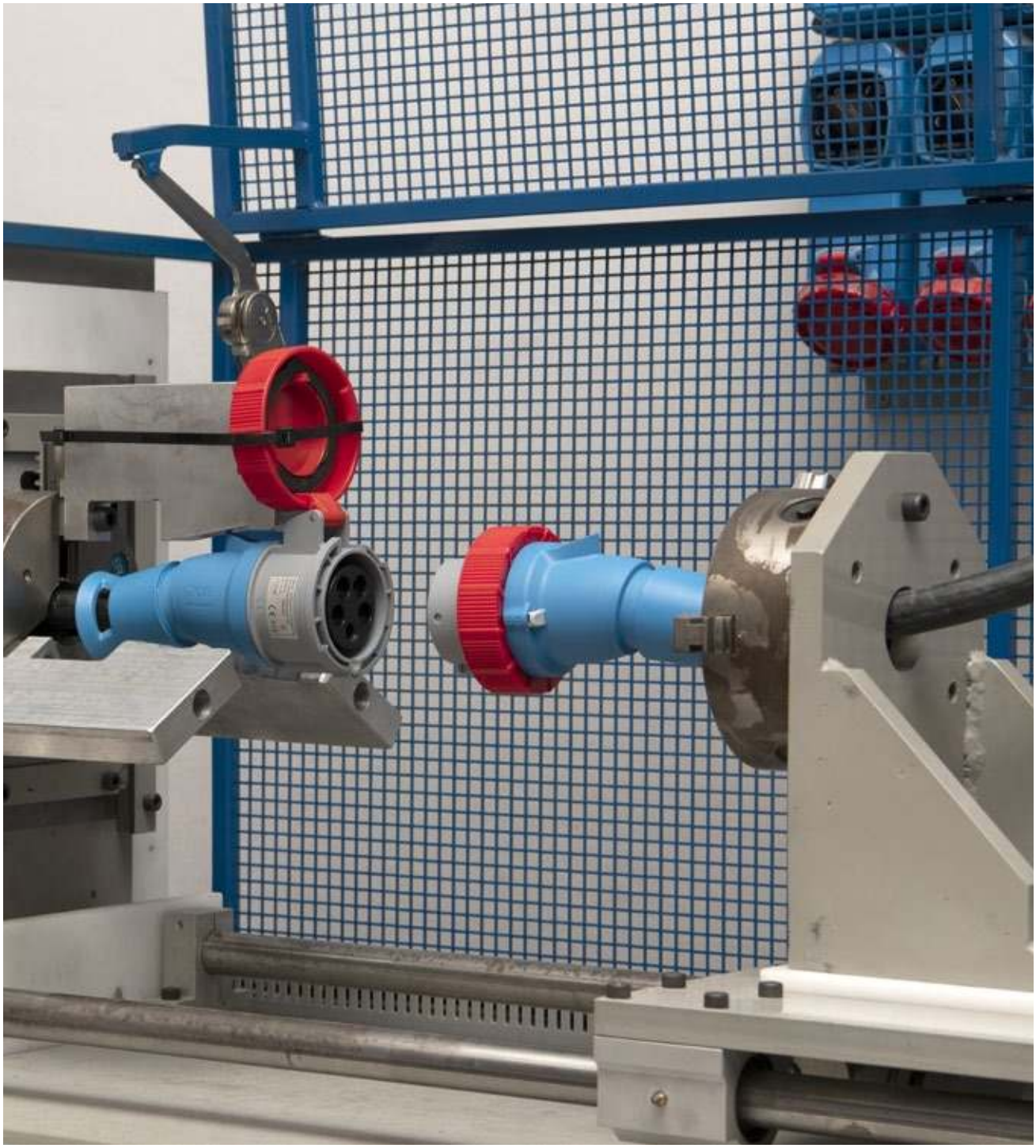
Well glass fixtures max. power	Palazzoli code	Pack Qty
60W	**819001**	1

Heating Testing



One of the tests required by electrical safety standards is the product's heating test, which verifies its continued safety under normal operating conditions. The product is fed under the worst load conditions as per specifications and it is checked that the temperature of critical components, materials and accessible parts does not exceed the limit values permitted by the product standards.

Endurance Testing



The purpose of the endurance test is to verify that the safety performance of products is maintained even after the wear and tear caused by using the product during its lifetime. The test consists of performing cycles of plugging and unplugging the plugs from the socket-outlets connected to a load corresponding to the product ratings.
At the end of the test, the safety requirements of the standards must be maintained.

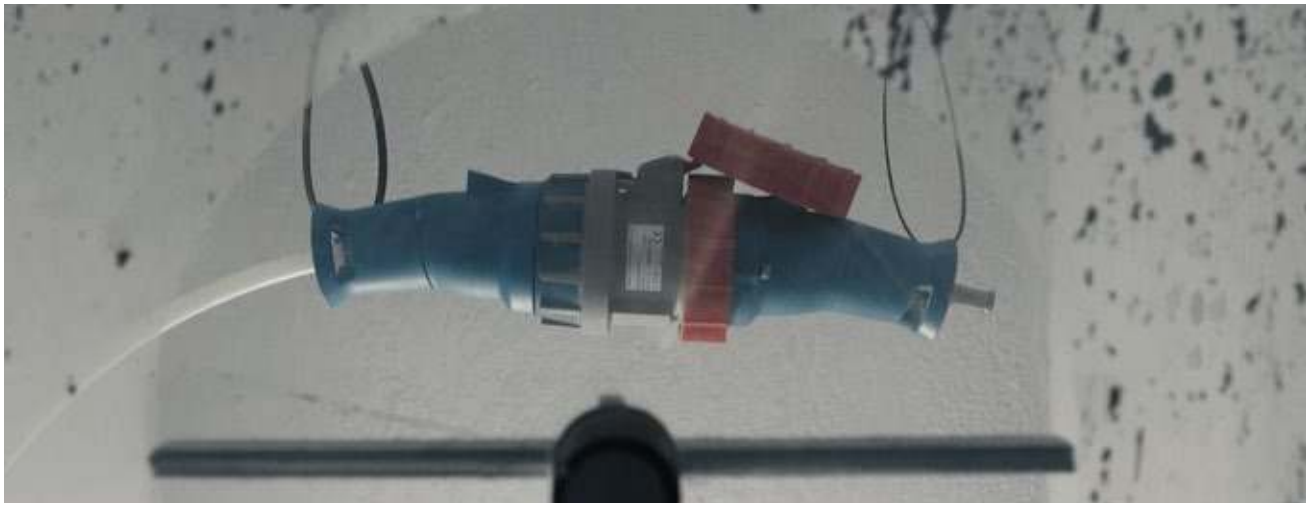
Impact resistance testing



The IEC/EN 62262 standard defines a coding system, the IK code, to indicate the level of protection provided by an enclosure of electrical equipment against external mechanical impacts.

Symbol		
IK	00	no protection.
	01	resistant to impacts with an energy up to 0.150 J
	02	resistant to impacts with an energy up to 0.200 J
	03	resistant to impacts with an energy up to 0.350 J
	04	resistant to impacts with an energy up to 0.500 J
	05	resistant to impacts with an energy up to 0.700 J
	06	resistant to impacts with an energy up to 1.00 J
	07	resistant to impacts with an energy up to 2.00 J
	08	resistant to impacts with an energy up to 5.00 J
	09	resistant to impacts with an energy up to 10.00 J
	10	resistant to impacts with an energy up to 20.00 J
	11	resistant to impacts with an energy up to 50.00 J

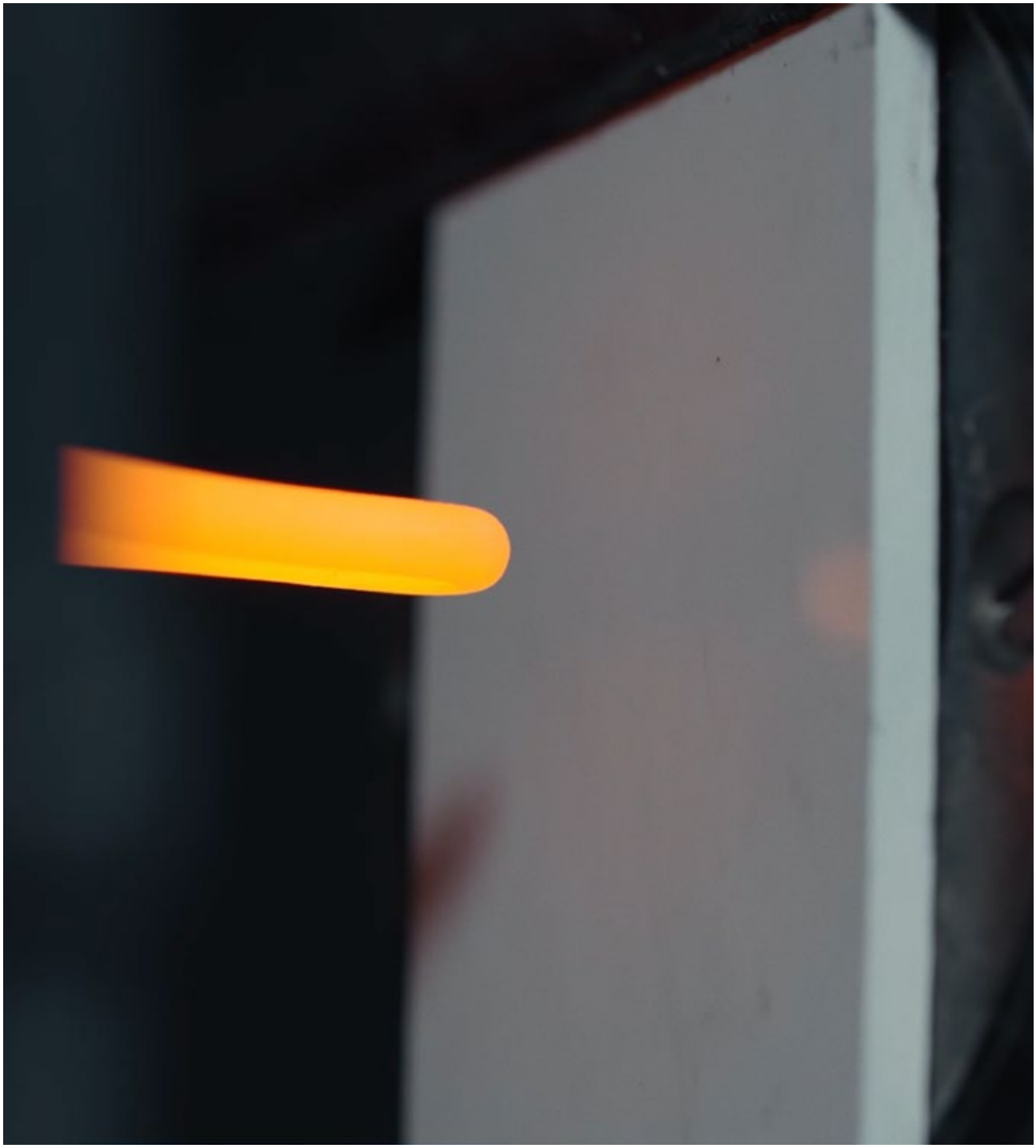
Test of the degree of protection against solid objects and liquids



The IEC/EN 60529 standard allows to indicate through the IP (Ingress Protection) rating system the degree of protection provided by the enclosures of electrical equipment against access to hazardous parts and against the penetration of solid foreign bodies and/or water.

Symbol	1st digit: Protection against penetration by solid foreign bodies		2nd digit: Protection against the penetration of liquids	
IP	0	No Protection.	0	No Protection.
	1	Protected against the penetration of solid foreign bodies larger than 50 mm (hands).	1	Protected against the vertical fall of water drops.
	2	Protected against the penetration of solid foreign bodies larger than 12 mm (fingers).	2	Protected against the fall of water drops at a maximum angle of 15° to the vertical.
	3	Protected against the penetration of solid foreign bodies larger than 2.5 mm (tools, cables).	3	Protected against falling rain with a maximum inclination of 60° to the vertical.
	4	Protected against the penetration of solid foreign bodies larger than 1 mm (wires).	4	Protected against water splashes coming from all directions.
	5	Protected against harmful dust deposits affecting good operation.	5	Protected against jets of water coming from all directions.
	6	Totally protected against dust.	6	Protected against water projections similar to sea waves.
	Warning IPX7 and IPX8 protection degrees do not include IPX5 and IPX6 protection degrees. A double rating is applied: IP66/IP67 enclosures meet the requirements for both exposure to high-energy water jets and temporary immersion. While enclosures IP67 are deemed suitable for temporary immersion only		7	Protected against the effects of temporary immersion in water under specified duration and pressure conditions.
			8	Protected against the effects of continuous immersion inside water under defined pressure conditions.
			9	Protected against high temperature and high pressure jets.

Glow wire test



The Glow-wire Test simulates the effects of a thermal stress caused by an electrically heated source to reproduce a fire hazard. The plastic material is brought into contact with an incandescent wire to simulate the possible effects of an electrical system that has been overheated for a short time following a fault, resulting in a possible fire hazard. The purpose of the test is to verify the self-extinguishing properties and non-flame propagation of insulation materials.

Corrosion resistance test



The Corrosion Resistance Test measures the insulation capacity of solid insulation materials against surface discharges (called traces) under wet conditions. The 'trace' is a conductive path that forms on the surface of an insulating material due to the voltage present between two points in the presence of wet conducting pollution. It can generate overheating, fire and however irreversibly alters the insulating properties of the material.

Environmental tests (corrosion, temperature and humidity)



Environmental tests examine the effects of various climatic conditions on the components and construction materials of devices to ensure their safety and performance even under extreme weather conditions. Salt spray tests are among the most effective for simulating the real lifespan of materials and surface coatings in relation to resistance to deterioration in aggressive environments.

Symbol	Corrosivity categories according to ISO 12944-2, ISO 9223	
C	C1	Very low corrosivity resistance
	C2	Low corrosivity resistance
	C3	Medium corrosivity resistance
	C4	High corrosivity resistance
	C5	Very high corrosivity resistance
	CX	Extreme corrosivity resistance
	ISO 12944-1 durability ranges	
	(L)	low durability: < 7 years
	(M)	medium durability: 7-15 years
	(H)	high durability: 15-25 years
	(VH)	very high-durability: >25 years

Test for photometric data



Photometric tests, carried out using a mirror goniophotometer, allow the total flux emitted by the light fixtures to be measured and their photometric distribution to be determined. The simultaneous measurement of all electrical parameters of the light fixture being tested also makes it possible to determine its efficacy in lm/W.

Resistance to chemical agents and atmospheric conditions

The resistance of a material to the erosive and ageing action of chemicals or atmospheric agents is not a direct relationship, but depends on the conditions of installation, temperature, chemical agent concentration and on the other interactions that different substances present inside the atmosphere can have on the concerned product. Material chemical resistance tables, resulting from lab tests, represent a useful instrument, but provide indications only, as universal installation conditions cannot be established. To make reading easier, and taking what is stated above into account, we summarised the material resistance levels in 3 values: high resistance (arrow up), partial resistance (arrow to the right) and low resistance (arrow down).

Thermoplastic

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	→	↓	→	→	↑	→	↑	→	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↓	↑	↑	↑	→

Technopolymer - Antistatic technopolymer

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	↓	→	→	↑	→	↑	→	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↓	↑	↑	↑	↑

Palazzoli Thermosetting GRP - Palazzoli antistatic Thermosetting GRP

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	↑	↑	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Rubber

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	→	↑	↑	↑	↑	→	↓	↓
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↓	↓	↓	↓	↑	→	↑	↓	↑	↑

EN 46100 aluminium alloy

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	→	↓	→	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	→	↑	↑	↑	↑

Resistance to chemical agents and atmospheric conditions

EN44300 aluminium alloy and marine aluminium alloy

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	→	↑	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Painted galvanised steel

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	→	↓	→	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	→	→	↑	↑	→	→	↑	↑	↑

INOX 304 stainless steel

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	→	↑	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	→	↑	↑	↑	↑

316L stainless steel

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

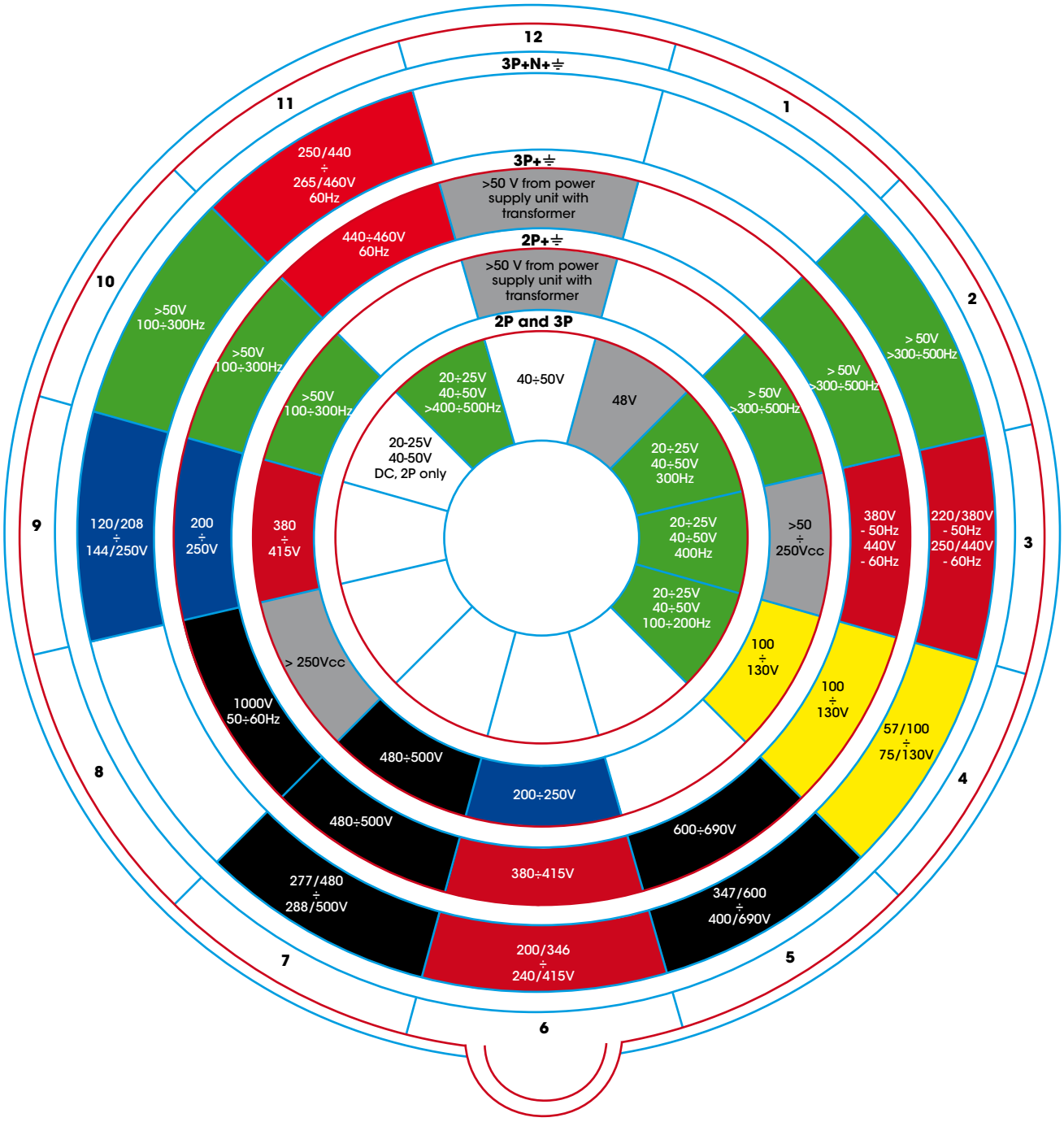
Brass

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE
↑	↑	↓	→	↓	→	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	→	↑	↑	→	↑	↑	↑	↑

Legend: ↑ high resistance → partial resistance ↓ low resistance

Hour Reference according to EN 60309-1 and EN 60309-2

Voltage and current combinations differ based on the position of the earth contact in one of the twelve different positions at 30° from one another around the pole circle. The reference of the different position is given by looking at the socket-outlet open (front) side; the 6 o'clock (180°) position is pointing down. The most common positions are yellow 2P+⏚, blue 2P+⏚, red 3P+⏚ and red 3P+N+⏚.



Interlocked socket-outlets

EN 60309-1 standard specifies that socket-outlets must have a suitable breaking capacity and must withstand, with no excessive wear, the mechanical, electrical and temperature stresses originated during standard operation. If breaking capacity is too low (usually in higher capacity socket-outlets) or if additional safety is required under specific conditions (as envisaged by CEI 64/8), a suitable interlock device is required.



OPERATOR'S RISKS

When you plug in or unplug a plug into its socket, you run the risk of a direct electrical contact. If the fixed socket-outlet is a ground, you always run the risk of indirect electrical contact. Laboratory experiments made on 16A socket-outlets showed that when the short-circuit current exceeds 4-5kA, the arc can become very dangerous (violent expulsion of gas with explosive phenomenon). There are also risks which could be originated by the environment, such as the risk of fire, for which electrical components must not be a cause of ignition and drag.

RISK PREVENTION

To prevent the risks operator is subject to, socket-outlets must prevent both direct and indirect electrical contacts. A good method to prevent direct electrical contacts is the interlock device.

INTERLOCK DEVICES

Interlock devices must be connected to a disconnector switch so as to prevent the plug from being unplugged from the fixed socket-outlet when the contacts are live and, at the same time, to prevent the plug from being plugged in while the disconnector switch is in closed position. This lock can be either mechanical or electrical. In case of mechanical lock, switch and socket-outlet must be integral with each other. In case of electrical lock, an auxiliary contact will be fitted on the socket-outlet and operated by plugging in the plug. This contact will operate on switch locking coil, allowing contact closing only with plug duly plugged in.

Standard EN 60309-4 provides for a short-circuit resistance of at least 10kA and utilisation category AC-22A.



Isolator switches

The aim of switches and isolators is to enable or disable defined loads and, if necessary, to provide for the relevant protection. Based on the equipment functional mode, there can be:

-) Isolators: these are devices able to supply continuous current, but unable to establish or to interrupt it. Their main function is to ensure power supply electrical separation. To this end, the isolator must ensure, in the opening position, a suitable distance between contacts;

-) Switches: they differ from isolators as they can establish or interrupt the load current, taking also into account the temporary standard overload conditions. They can thus perform the actual opening and closing controls also with connected loads;

-) Switch-disconnectors: these are control switches that, in the opening position, meet the isolating capacities specified for an isolator switch.

The following tables summarise the meaning of the use categories.

Switching and disconnecting of power circuits

Type of current	Utilisation category		Typical applications
	frequent operation	infrequent operation	
Alternating current	AC-20A (*)	AC-20B (*)	Connecting and disconnecting under no-load conditions
	AC-21A	AC-21B	Control of resistive loads with moderate overcurrents
	AC-22A	AC-22B	Control of mixed resistive and inductive loads with moderate overcurrents
	AC-23A	AC-23B	Control of motors or other highly inductive loads
Direct current	DC-20A (*)	DC-20B (*)	Connecting and disconnecting under no-load conditions
	DC-21A	DC-21B	Control of resistive loads with moderate overcurrents
	DC-22A	DC-22B	Control of mixed, resistive and inductive, loads, with moderate overcurrents (e.g. shunt motors)
	DC-23A	DC-23B	Control of highly inductive loads (e.g. motors in series)

(*) The use of these categories is not permitted in the USA.

Motor start-up

Type of current	Category	Typical applications
Alternating current	AC-2	Slip-ring motors: starting, plugging (*1), stopping
	AC-3	Squirrel-cage motors: starting, stopping
	AC-4	Squirrel-cage motors: starting, plugging (*1), inching (*2)
Direct current	DC-3	Shunt-motors: starting, plugging (*1), inching (*2), dynamic motor plugging in DC
	DC-5	Motors in series: starting, plugging (*1), inching (*2), dynamic motor plugging in DC

(*1) by plugging it is intended a stopping or a reversal of the motor direction by inverting the primary connections of the motor while it is still running.
(*2) by inching it is intended a command characterised by one or more short breaks of the power supply circuit in order to jog the motor.

	Closing and opening power tests					Operating performance tests					
Comparison between test values for AC-23A and AC-3 categories	Vtest	Vtest		cosφ	No. of op.	Vtest	Vtest		cosφ	Vtest	
		Closes	Opens				Closes	Opens		empty	load
AC-23A	1.05 Ue	10 Ie	8 Ie	0.45/0.35	5/3	Ue	Ie	Ie	0.65	8500	1500
AC-3	1.05 Ue	8 Ie 10 Ie	8 Ie -	0.45/0.35	50 50	1.05 Ue	2 Ie	2 Ie	0.45/0.35	-	6000

The use of category AC-23A and AC-3 control and isolator switches covers the majority of applications in industrial plants and systems, as they are suitable for use even after a high number of operations and under overload conditions.
The above-indicated performance data for the isolator switches of the CAM-ST, CAM-SZ and CAM series were obtained using dual breaker cells with robust pads in Ag which guarantee the best possible performance of closing/opening powers, performances in short-circuit conditions, and they also allow a high number of disconnecting instances without losing their characteristics of high electrical reliability and durability.

Isolator switches

			SWITCHES - ISOLATOR SWITCHES						ISOLATORS			
CAM E CAM-ALUPRES* SERIES			16A	25A	40A	63A	100A	200A	400A	600A	800A	1200A
Rated insulation voltage Ui		V	500	500	500	500	500	500	500	500	500	500
Rated impulse-withstand voltage Uimp		kV	4	4	4	4	4	4	4	4	4	4
Rated closing capacity		A	160	250	400	630	1000	1250	1250	1250	1250	1250
Rated breaking capacity		A	128	200	320	504	800	1000	1000	1000	1000	1000
Protection against short circuit												
Rated short-time (1 sec.) withstand current		A	240	380	600	950	1500	3000	3000	3000	3000	3000
Conditional short-circuit current		kA	10	10	10	10	15	10	15	15	15	15
Protective fuse max. current (gG)		A	16	25	40	63	100	200	400	600	800	1200
Rated and interrupted thermal current Ith = Iu		A	16	25	40	63	100	200	400	600	800	1200
Rated use voltage Ie												
AC-21A	415V	A	16	25	40	63	100	200	-	-	-	-
	500V								-	-	-	-
AC-22A	415V	A	16	25	40	63	100	200	-	-	-	-
	500V								-	-	-	-
AC-23A	230V	A	16	25	40	63	100	200	-	-	-	-
	400V								-	-	-	-
	500V								-	-	-	-
AC-23A	230V	kW	5.1	8.0	12.7	20.1	31.9	63.7	-	-	-	-
	400V		8.9	13.9	22.2	34.9	55.4	110.9	-	-	-	-
	500V		11.1	17.3	27.7	43.6	69.3	138.6	-	-	-	-
AC-3	230V	kW	4.5	6.4	11.2	17.5	-	31.9	-	-	-	-
	400V		7.8	11.1	19.4	30.5	-	55.4	-	-	-	-
	500V		9.7	13.9	24.2	38.1	-	51,9	-	-	-	-
AC-4	230V	kW	3.5	4.5	6.7	11.2	-	-	-	-	-	-
	400V		6.1	7.8	11.6	19.4	-	-	-	-	-	-
	500V		7.6	9.7	14.5	24.2	-	-	-	-	-	-
DC-23A	30V Max. voltage per pole in series	A	16	25	40	63	-	-	-	-	-	-

***Notes:** 6-pole switches, 2-way switches, selector switches and inverters.

CAM-ST SERIE			12A	16A	20A	25A	32A	40A	63A
Rated insulation voltage Ui		V	690	690	690	690	690	690	690
Rated impulse-withstand voltage Uimp		kV	4	4	4	4	4	4	4
Rated closing capacity		A	120	160	200	250	320	400	630
Rated breaking capacity		A	96	128	160	200	256	320	504
Protection against short circuit									
Rated short-time (1 sec.) withstand current Icw		A	480	480	480	480	480	600	950
Conditional short-circuit current		kA	10	10	10	10	10	10	10
Protective fuse max. current (gl or aM)		A	12	16	20	25	32	40	63
Rated and interrupted thermal current Ith = Iu		A	12	16	20	25	32	40	63
Rated use voltage Ie									
AC-21A	400V 500V 690V	A	12	16	20	25	32	40	63
AC-22A	400V 500V 690V	A	12	16	20	25	32	40	63
AC-23A	230V 400V	A	10	14	18	20	32	40	63
	500V 600V		6	10	12	16	25	32	50
AC-23A	230V	kW	3.2	4.5	5.7	6.4	10.2	12.7	20.1
	400V		5.5	7.8	10.0	11.1	17.7	22.2	34.9
	500V		4.2	6.9	8.3	11.1	17.3	22.2	34.6
	600V		5.0	8.3	10.0	13.3	20.8	26.6	41.6
AC-3	230V	kW	2.5	3.8	5.1	5.7	8.9	11.2	17.8
	500V		4.4	6.7	8.9	10.0	15,5	19.4	31.0
	400V		4.2	6.9	8.3	11.1	17.3	22.2	34.6
	600V		5.7	9.6	11.5	15.3	23.9	30.6	47.8
AC-4	400V	kW	1.2	1.7	2.2	2.5	3	5.5	7.5

Isolator switches

CAM-SZ, CAM-TAIS AND CAM-ALUPRES* SERIES			16A	25A	32A	40A	40A CAM-SZ	63A	100A	125A	160A	200A	250A	400A	630A
Rated insulation voltage Ui		V	690	690	690	690	690	690	690	750	1,000	1000	1000	1000	1,000
Rated impulse-withstand voltage Uimp		kV	4	4	4	4	6	6	6	8	12	12	12	12	12
Rated closing capacity		A	160	250	320	320	400	630	1,000	500	1600	2000	2500	4000	6300
Rated breaking capacity		A	125	200	256	256	320	504	800	400	1280	1600	2000	3200	5040
Protection against short circuit															
Rated short-time (1 sec.) withstand current Icw		A	240	375	480	480	480	756	1200	2500	8000	8000	8000	15000	16000
Rated short-circuit making capacity (Icm) (690V)		kA	1.5	1.5	1.5	1.5	2.2	2.2	2.2	3.6	30	30	30	65	26
Conditional short-circuit current		kA	10	10	10	10	10	10	10	-	-	-	-	-	-
Protective fuse max. current (gG)		A	16	25	32	40	40	63	100	-	-	-	-	-	-
Rated and interrupted thermal current Ith = Iu		A	16	25	32	40	40	63	100	125	160	200	250	400	630
Rated use voltage Ie															
AC-21A	690V	A	16	25	32	40	40	63	100	125	160	200	250	400	630
AC-22A	690V	A	16	25	32	40	40	63	100	125	160	200	250	400	630
AC-23A	230V 400V 500V 690V	A	16	25	32	32	40	63	63	90 70 50	160	200	250	400	630
AC-23A	230V	kW	5.1	8.0	10.2	10.2	12.7	20.1	20.1	22	48	60	75	132	200
	400V		8.9	13.9	17.7	17.7	22.2	34.9	34.9		80	110	140	220	355
	500V		11.1	17.3	22.2	22.2	27.7	43.6	43.6	45	112	132	170	280	400
	690V		15.3	23.9	30.6	30.6	38.2	60.2	60.2		144	200	250	400	630
AC-3	230V	kW	5.1	8.0	10.2	10.2	12.7	15.9	15.9	-	-	-	-	-	-
	400V		8.9	13.9	17.7	17.7	22.2	27.7	27.7	-	-	-	-	-	-
	500V		11.1	17.3	22.2	22.2	27.7	34.6	34.6	-	-	-	-	-	-
	690V		15.3	23.9	30.6	30.6	38.2	47.8	47.8	-	-	-	-	-	-
AC-4	230V	kW	2.9	4.5	5.7	5.7	-	-	-	-	-	-	-	-	-
	400V		5.0	7.8	10.0	10.0	-	-	-	-	-	-	-	-	-
	500V		6.2	9.7	12.5	12.5	-	-	-	-	-	-	-	-	-

***Notes:** only for 2, 3 and 4 pole switches.

USE WITH DIRECT CURRENT															
DC-21A	Rated use voltage Ie	A	16	25	32	32	40	63	100	-	-	-	-	-	-
	Max. voltage per pole in series	V	60	60	60	60	62	62	62	-	-	-	-	-	-
DC-22A	Rated use voltage Ie	A	16	25	32	32	40	63	63	-	-	-	-	-	-
	Max. voltage per pole in series	V	50	50	50	50	62	62	62	-	-	-	-	-	-
DC-23A	Rated use voltage Ie	A	16	25	32	32	40	40	40	-	-	-	-	-	-
	Max. voltage per pole in series	V	30	30	30	30	31	31	31	-	-	-	-	-	-
Frequency of operations at rated current		Op./h	120	120	120	120	120	120	120	-	-	-	-	-	-
Cross-section of solid conductors		mm^2	1-10	1-10	1-10	1-10	6-35	6-35	6-35	10-70	10-70	-	-	-	240
Cross-section of flexible conductors		mm^2	1-10	1-10	1-10	1-10	6-35	6-35	6-35	-	-	-	-	-	-
Tightening torque		Nm	2	2	2	2	3	3	3	6	6	15-22	15-22	30-44	-

Electrical systems and distribution boards for construction sites

The electrical system of a construction site must meet the CEI 64-8/7 Standard (Electrical utility systems at a nominal voltage of no more than 1000 V in alternating current and 1500 V in direct current. Part 7: Particular environments and applications), which integrate the general requirements of CEI 64-8 Standard. Section 704 of this standard specifically covers "Construction and demolition sites".
A useful help to all plant installers for the execution of electrical installations in constructions sites is provided by the Guide CEI 64-17, ed. 2010-2, "Guide to the execution of electrical installations on constructions sites", which provides interesting information and suggestions for installation procedures. The guide also includes recommendations for circuits powered with plug-type sockets for the power supply of construction site electrical equipment that can be used by untrained personnel. In addition, the execution of the electrical system at construction sites is subject to Ministerial Decree 37/2008 and to Chapter IV of Legislative Decree 81/08 (ex Legislative Decree 494/96). Consequently, the electrical installer who builds the system, must issue the declaration of conformity as provided for in art. 7 of Ministerial Decree 37/08. The site's electrical system is excluded from the requirement that the project be signed by a professional technician registered in the register of building engineers. However, the installer is still obliged to issue a declaration of conformity (art. 10, paragraph 1, of Ministerial Decree 37/08).
We remind you art. 117 of Legislative Decree 81/2008 and art. 73 of Legislative Decree 106/2009 on safety distance from power lines.

Distribution boards for the distribution of electrical energy in construction sites must be constructed in compliance with the requirements of European Standard EN 61439-4 "Low-voltage (LW) switchgear and control gear assemblies, Part 4: Particular requirements for assemblies for construction sites (ACS)".

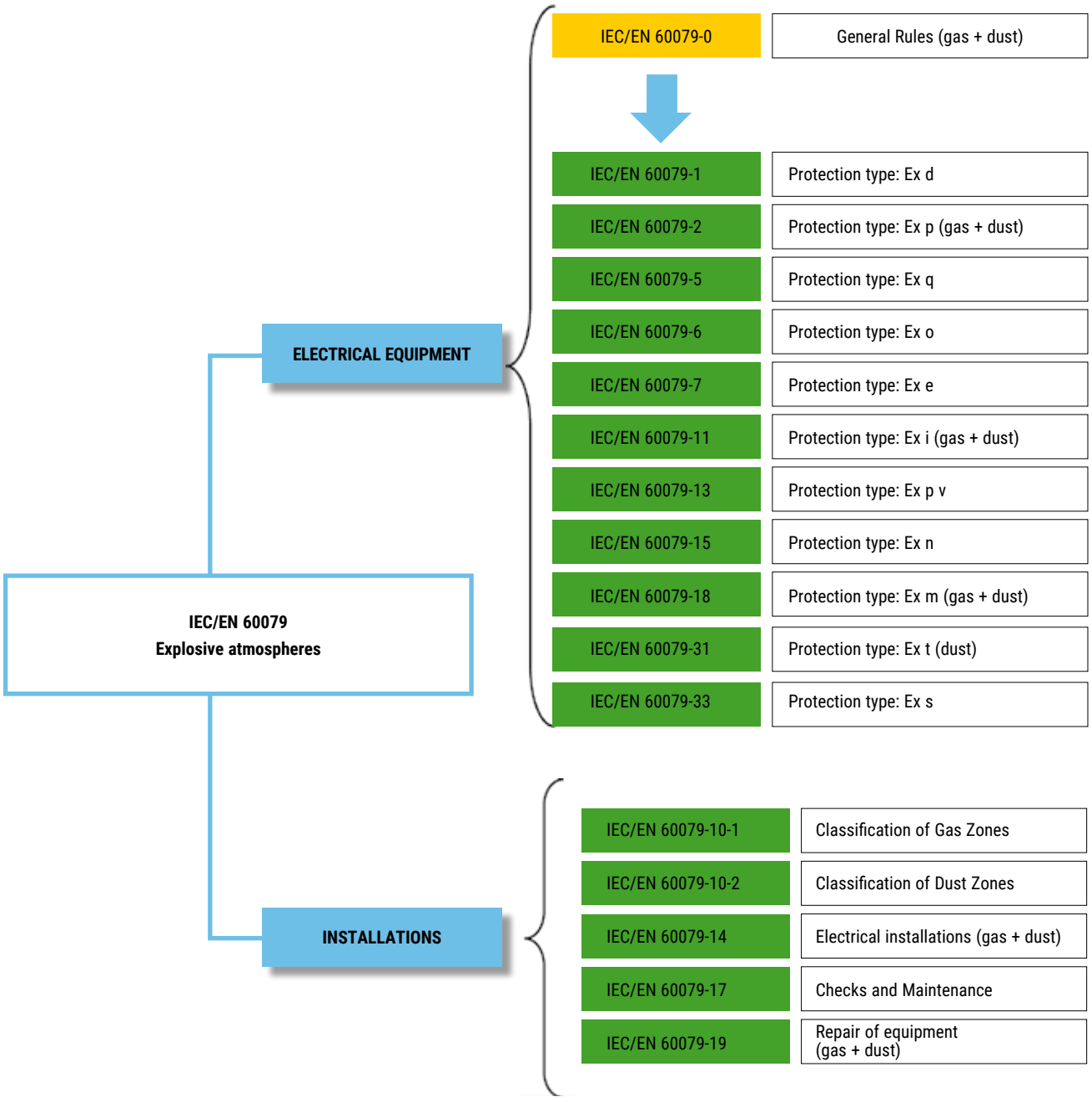
The standard defines low-voltage switchgear and controlgear subject to type tests for construction sites (ASC), in the following way: "Combination of one or several transforming or low voltage switching devices with associated control, measuring, signalling, protective and regulating equipment complete with all their internal electrical and mechanical connections and structural parts.
designed and built for use on all construction sites, indoors and outdoors."

ACS Boards for construction sites are classified based on their function (IEC EN 61439-4 Standard):



ATEX electrical equipment

The structure of IEC/EN 60079 standards is such that the series is divided into parts. Part 0 sets out the general requirements for all equipment.
From part 1 onwards the requirements are set out for each specific protection method. In order to conform to safety requirements, equipment used in hazardous and partially explosive environments should be produced in a specific way to protect people on site. Therefore it should not be able to trigger explosive atmospheres during its normal functioning, in conditions of first fault and/or in conditions of rare fault according to the explosion-proof level (EPL).



Marking

CE marking is mandatory and must be affixed to any equipment, assembly or protection system (excluding components) before it is placed on the market or put into service. The manufacturer affixes the CE marking on the product that complies with the directive, in accordance with the following indications:

CE EU mark + identification number of the Notified Body responsible for supervision + Ex + Group + Category

For example: CE 0051 Ex II 2GD

As regards Category 3, as no intervention of a notified body is envisaged and therefore no CE type testing is required, nor production supervision, the marking will be as follows:

CE EU mark + Ex + Group + Category

For example: CE Ex II 3G

The purpose of marking is to inform those that purchase, install, use, maintain, check, etc., that the device has been constructed in compliance with the essential safety requirements, to the level established by the category.
In order to install equipment (whether electrical or not) in a potentially explosive area, it is necessary and sufficient that it is marked as above.
This means that electrical and non-electrical products which do not comply with the harmonised standards (e.g. Ex constructions) may be installed while still compliant with the law and with explosion protection principles.
In this case the equipment will be marked as shown in the examples above.

If, on the other hand, equipment (e.g. electrical equipment) is installed that is compliant with the directive as a consequence of the conformity with harmonised standards, i.e. Ex electrical equipment that are consequently presumed to comply with the Essential Safety Requirements, the ATEX marking requirements must be affixed in accordance with the following indications:

EU mark CE+ identification number of the Notified Body responsible for supervision + Ex + Group + Category + Ex mark

Example 1: CE 0051 Ex II 2G Ex de IIC T5 Gb

Example 2: CE 0051 Ex II 2D Ex tb IIIC T 100°C Db IP66

Example 3: CE Ex II 3G Ex nR IIC T6 Gc

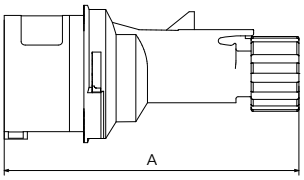
A complete marking of an Ex electrical equipment, in conformity with directive 94/9/EC, must show the following:

ABCD SpA, Via Moro 2, Milan (manufacturer's name and address)
MRT – 1234 – 2004 (type, serial or batch number, year)
CE 0051 (CE mark, identification number of the Notified Body responsible for manufacturing supervision)
Ex II 2G (group, category)
Ex d IIB T4 Gb (protection method, gas group, EPL temperature class)
CESI 02 ATEX 0999 (CE type test certificate number)
Characteristic parameters (supply voltage, frequency, etc.)

PLUGS AND SOCKETS

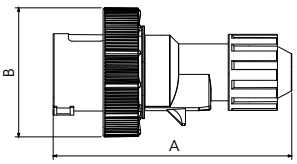
MULTIMAX

IP44 plugs



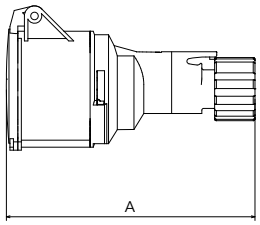
Rated current (A)	No. of poles	A (mm)
16	2P+⏚	127
	3P+⏚	134
	3P+N+⏚	142
32	2P+⏚	154
	3P+⏚	154
	3P+N+⏚	173

IP67 plugs



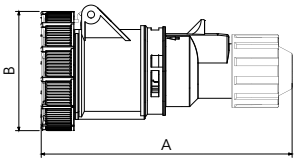
Rated current (A)	No. of poles	A (mm)	B (mm)
16	2P+⏚	135	69.5
	3P+⏚	140	77.5
	3P+N+⏚	150	85.5
32	2P+⏚	165	92
	3P+⏚	165	92
	3P+N+⏚	170	98.5
63	2P+⏚	250	111
	3P+⏚	250	111
	3P+N+⏚	250	111

IP44 mobile socket-outlets



Rated current (A)	No. of poles	A (mm)
16	2P+⏚	134
	3P+⏚	143
	3P+N+⏚	151
32	2P+⏚	163
	3P+⏚	163
	3P+N+⏚	182

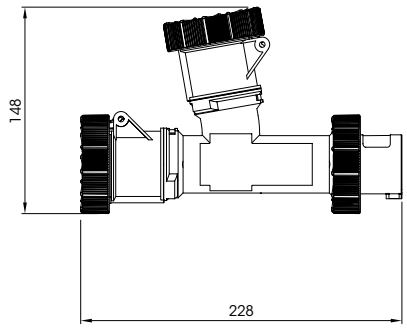
IP67 mobile socket-outlets



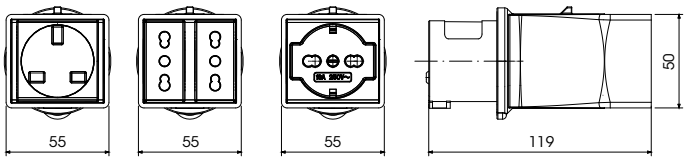
Rated current (A)	No. of poles	A (mm)	B (mm)
16	2P+⏚	145	69.5
	3P+⏚	150	77.5
	3P+N+⏚	165	85.5
32	2P+⏚	180	92
	3P+⏚	180	92
	3P+N+⏚	185	98.5
63	2P+⏚	270	111
	3P+⏚	270	111
	3P+N+⏚	270	111

MULTIPLAY

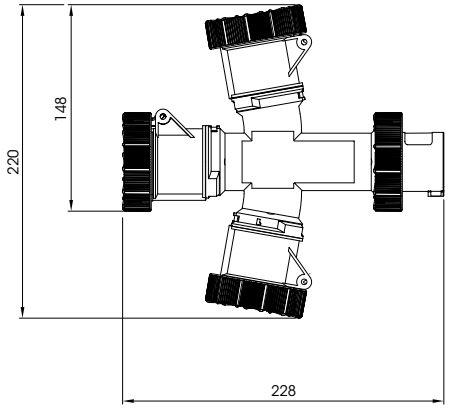
Multipliers with 2 outlets



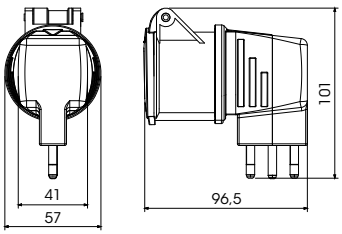
Adaptor with industrial plug



Multipliers with 3 outlets

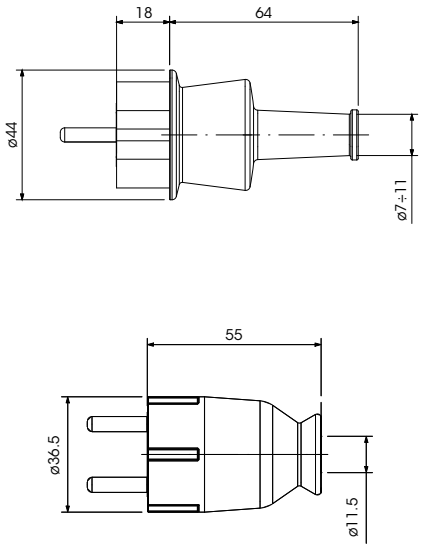


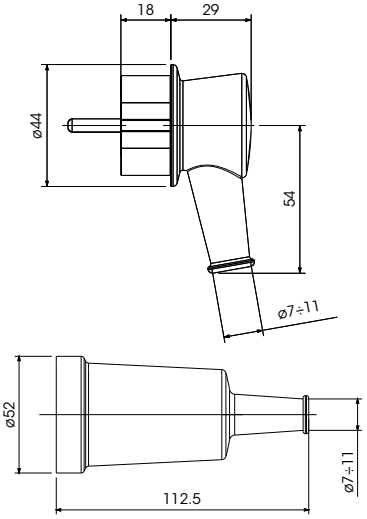
Adaptor with domestic plug



PLUGS AND SOCKETS

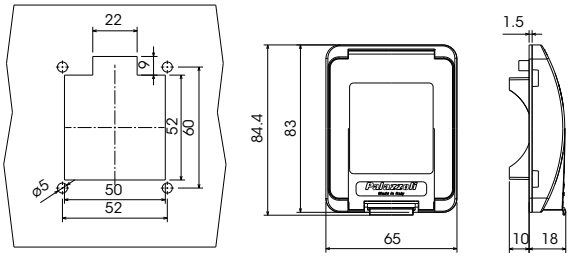
SPIN



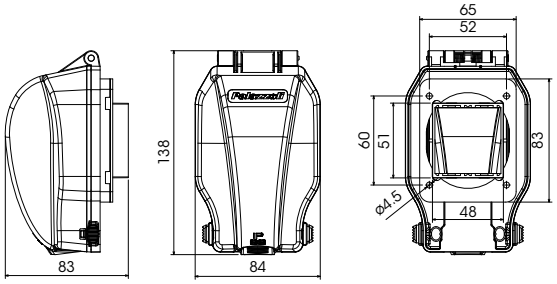


topTER

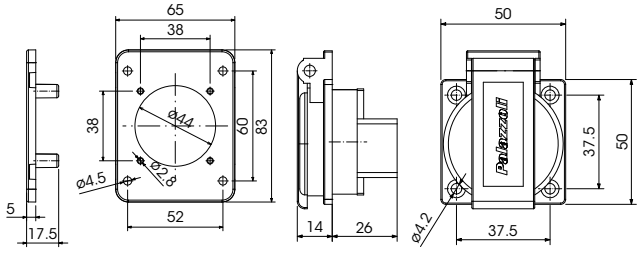
IP66 cap



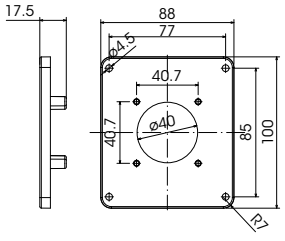
IP66 cap



Flange and international domestic sockets



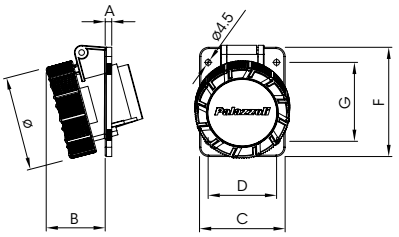
Flange for extra low voltage sockets



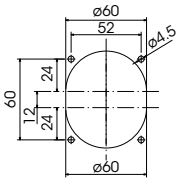
PLUGS AND SOCKETS

TOPTER

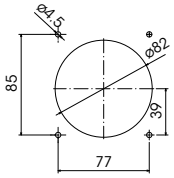
16A/32A sockets



Template A

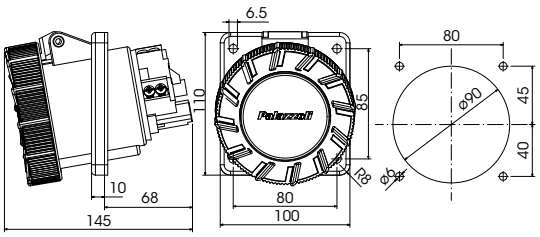


Template B

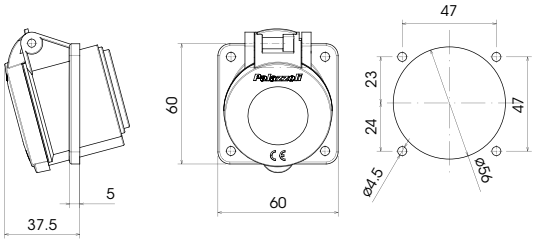


Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	Ø (mm)	Template
16	2P+⏚	5	45	65	52	83	60	72	A
	3P+⏚	5	46	65	52	83	60	80	A
	3P+N+⏚	7	47	88	77	100	85	88	B
32	2P+⏚	7	54	88	77	100	85	93	B
	3P+⏚	7	54	88	77	100	85	93	B
	3P+N+⏚	7	55	88	77	100	85	100	B

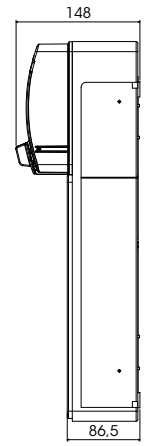
63A fixed socket-outlets

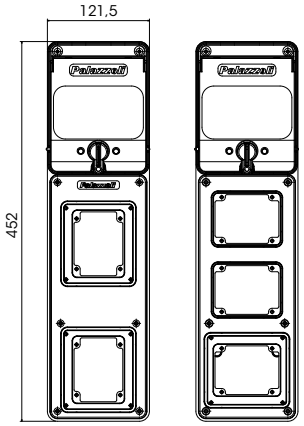


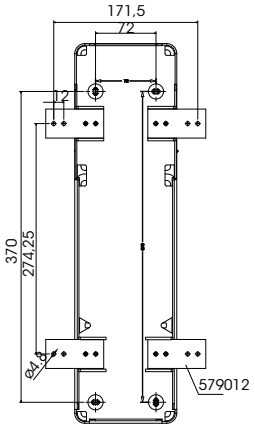
Compact panel-mounted sockets

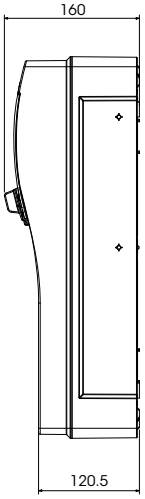


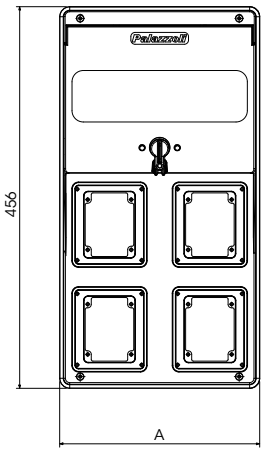
Distribution boards

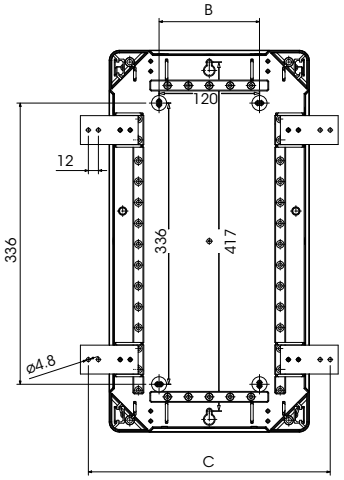










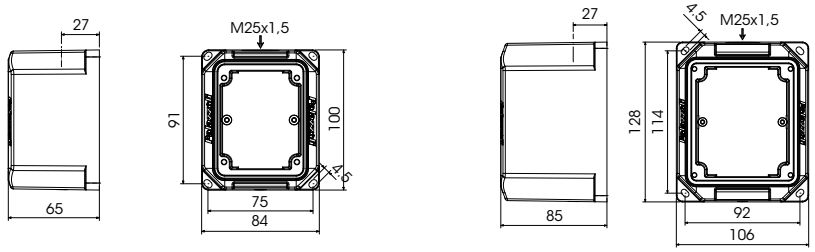


Palazzoli code	A (mm)	B (mm)	C (mm)
579824	239	120	289
579826	350	230	400
579828	461	340	511
579863	239	120	289
579865	350	230	400

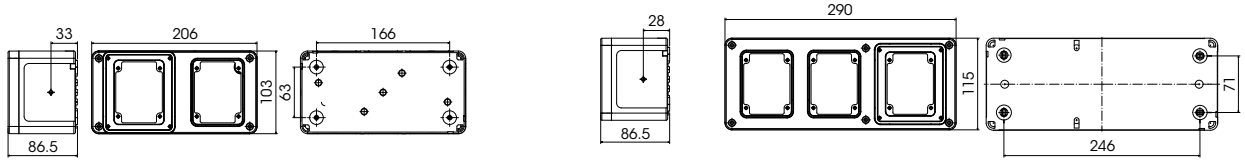
PLUGS AND SOCKETS

TOPTER

Individual back boxes code 579750 and code 579751

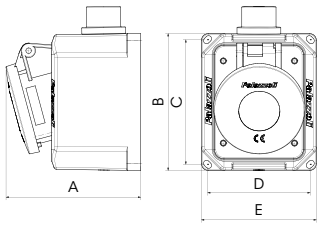


Multiple back boxes



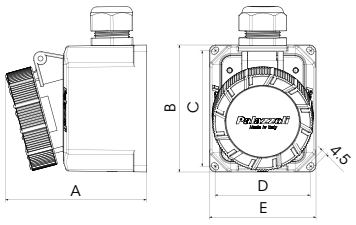
topTER for wall mounting

15° angled IP44 sockets



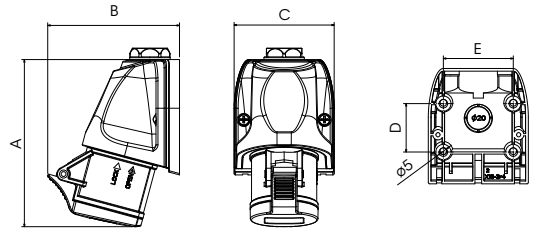
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
438124 - 438126	98	100	91	75	84
438136	99				
438146	118	128	114	92	106
438224 - 438236	128				
438246					

15° angled IP66/IP67 sockets



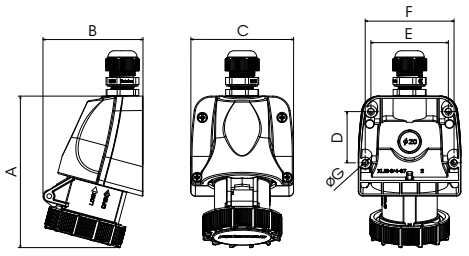
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
439124 - 439126	110	100	91	75	84
439136	111				
439146	132	128	114	92	106
439233 - 439224 - 439236	139				
439246	140				

90° angled IP44 sockets



Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
16	2P+⏚	124	98	74.5	36	52
	3P+⏚	125	97	74.5	36	52
	3P+N+⏚	138	115	85	40	60
32	2P+⏚	150	116	85	40	60
	3P+⏚	150	116	85	40	60
	3P+N+⏚	150	118	85	40	60

90° angled IP67 sockets

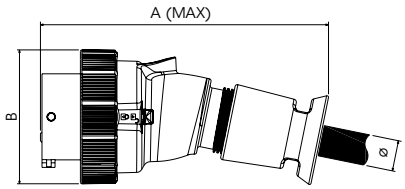


Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
16	2P+⏚	133	88	90	45	68	78	4.5
	3P+⏚	135	90	90	45	68	78	4.5
	3P+N+⏚	145	108	105	43	78	92	4.5
32	2P+⏚	156	114	105	43	78	92	4.5
	3P+⏚	156	114	105	43	78	92	4.5
	3P+⏚ (3h)	164	113	94	46	80	80	4.5
	3P+N+⏚	157	117	105	43	78	92	4.5
63	2P+⏚	230	172	119	156	103	103	6
	3P+⏚	230	172	119	156	103	103	6
	3P+N+⏚	230	172	119	156	103	103	6

PLUGS AND SOCKETS

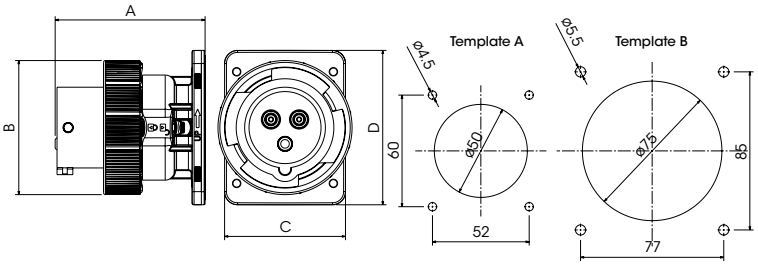
XCEE

Plugs



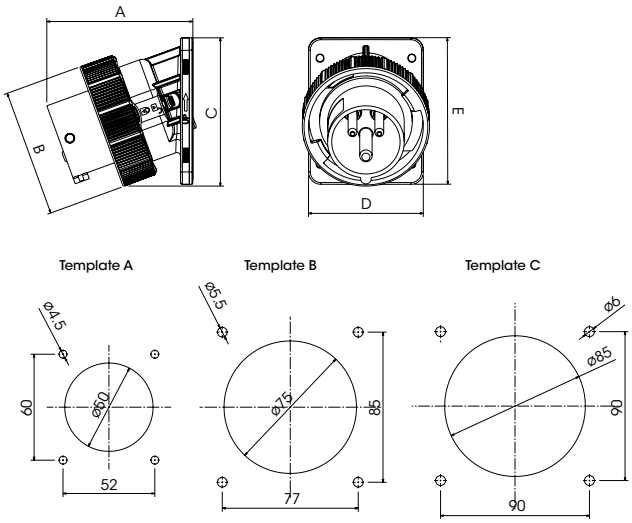
Rated current (A)	No. of poles	A (mm)	B (mm)	Ø (mm)
16	2P+⏚	167	72	6.3-18
	3P+⏚	173.5	80	
	3P+N+⏚	186.5	87	11-23
32	2P+⏚	194	93	
	3P+⏚			
	3P+N+⏚	207	100	13-27
63	2P+⏚, 3P+⏚, 3P+N+⏚	252	112	14,5-37
125	2P+⏚, 3P+⏚, 3P+N+⏚	312	126	25-50

Straight panel-mounted inlets



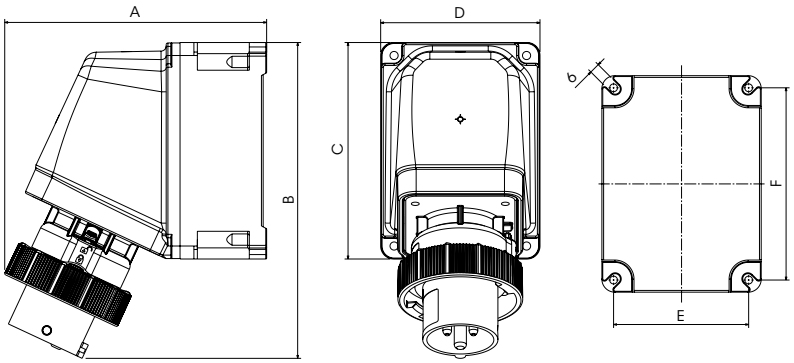
Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	Template
16	2P+⏚	81	72	65	83	A
	3P+⏚	82	80			
	3P+N+⏚	84	87			
32	2P+⏚	91	93			
	3P+⏚					
	3P+N+⏚	93.5	100	100	108	B
63	2P+⏚, 3P+⏚, 3P+N+⏚	128.5	112			
125	2P+⏚, 3P+⏚, 3P+N+⏚	134	126	114	114	C

Angled panel-mounted inlets



Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Template
16	2P+⏚	83	72	84	65	83	A
	3P+⏚	84	80	88			
	3P+N+⏚	89	87	92			
32	2P+⏚	95	93	96			
	3P+⏚						
	3P+N+⏚	100	100	115	100	108	B
63	2P+⏚, 3P+⏚, 3P+N+⏚	134	112	132			
125	2P+⏚, 3P+⏚, 3P+N+⏚	144	126	147	114	114	C

65° angled wall-mounted inlets

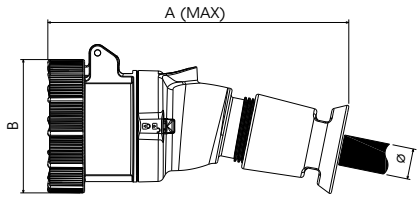


Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
16	2P+⏚	152	183	125	92	78	111
	3P+⏚	156	185				
	3P+N+⏚	160	189				
32	2P+⏚	163	195				
	3P+⏚						
	3P+N+⏚	207	239	185	125	111	171
63	2P+⏚, 3P+⏚, 3P+N+⏚	219	272				
125	2P+⏚, 3P+⏚, 3P+N+⏚	222	283				

PLUGS AND SOCKETS

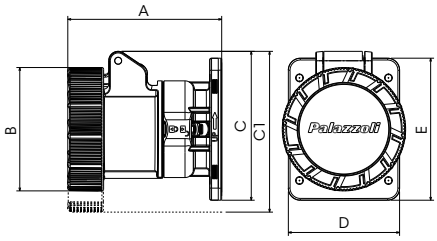
XCEE

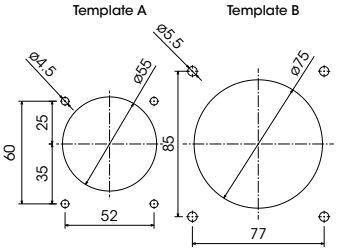
Straight mobile socket-outlets



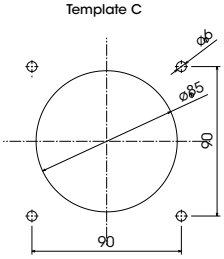
Rated current (A)	No. of poles	A (mm)	B (mm)	Ø (mm)
16	2P+⏚	176	72	6.3-18
	3P+⏚	183	80	
	3P+N+⏚	197	87	11-23
32	2P+⏚	207	93	11-23
	3P+⏚			
	3P+N+⏚	221	100	13-27
63	2P+⏚, 3P+⏚, 3P+N+⏚	272	109	14,5-37
125	2P+⏚, 3P+⏚, 3P+N+⏚	336	124	25-50

Straight panel-mounted sockets

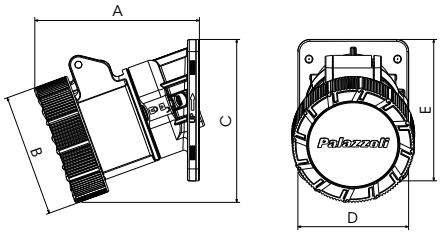


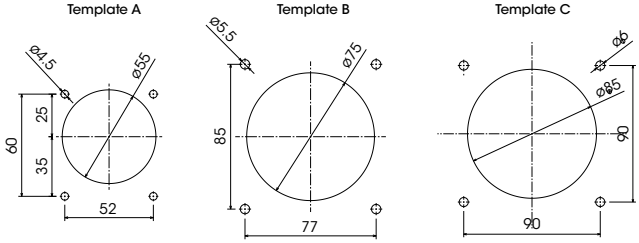


Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	C1 (mm)	D (mm)	E (mm)	Template
16	2P+⏚	90	72	87		65	83	A
	3P+⏚	91	80	91				
	3P+N+⏚	94	87	97				
32	2P+⏚	104	93	97.5	102.5			
	3P+⏚							
	3P+N+⏚	108	100	114		100	108	B
63	2P+⏚, 3P+⏚, 3P+N+⏚	150	109	116.5	117			
125	2P+⏚, 3P+⏚, 3P+N+⏚	157	124	127	132	114	114	C



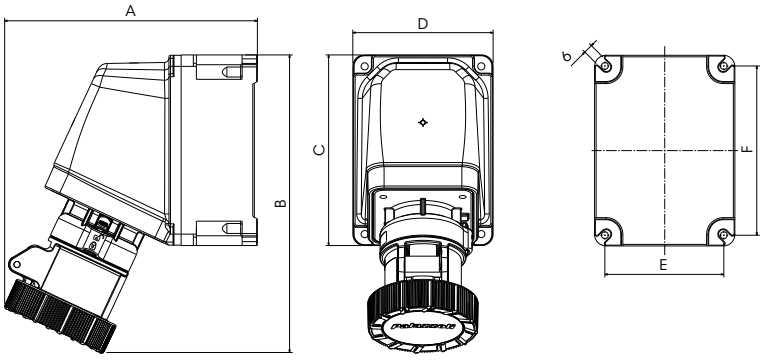
Panel-mounted angled sockets





Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Template
16	2P+⏚	97	72	96	65	83	A
	3P+⏚	99	80	100			
	3P+N+⏚	103	87	104			
32	2P+⏚	113	93	110			
	3P+⏚						
	3P+N+⏚	118	100	130	100	108	B
63	2P+⏚, 3P+⏚, 3P+N+⏚	161	109	152			
125	2P+⏚, 3P+⏚, 3P+N+⏚	172	124	168	114	114	C

65° angled wall-mounted socket-outlets

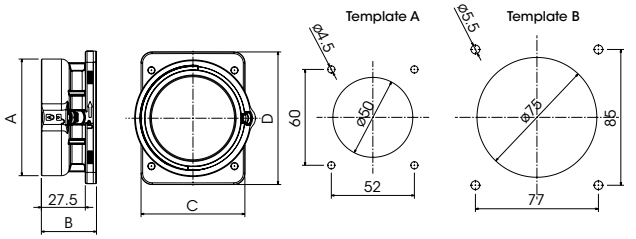


Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
16	2P+⏚	166	196	125	92	78	111
	3P+⏚	170	198				
	3P+N+⏚	173	200				
32	2P+⏚	180	210				
	3P+⏚						
	3P+N+⏚	225	257				
63	2P+⏚, 3P+⏚, 3P+N+⏚	246	297	185	125	111	171
125	2P+⏚, 3P+⏚, 3P+N+⏚	234	307				

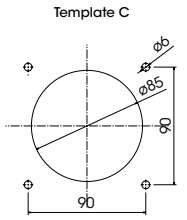
PLUGS AND SOCKETS

XCEE

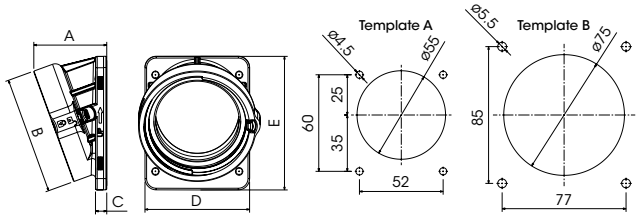
Panel-mounted straight flanges



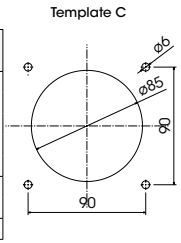
Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	Template
16	2P+⏚	56.5	34.5	65	83	A
	3P+⏚	64				
	3P+N+⏚	73				
32	2P+⏚					
	3P+⏚					
	3P+N+⏚	80	100	100	108	B
63	2P+⏚, 3P+⏚, 3P+N+⏚	93	48			
125	2P+⏚, 3P+⏚, 3P+N+⏚	108	46	114	114	C



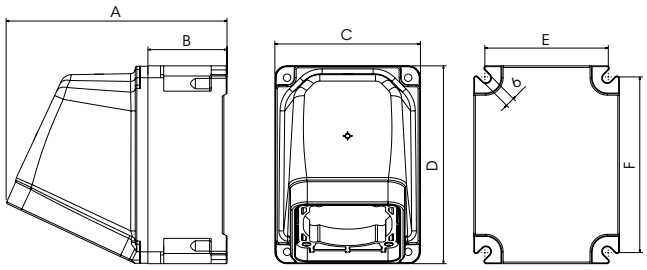
Panel-mounted angled flanges



Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Template
16	2P+⏚	42	56.5	7	65	83	A
	3P+⏚	44	64				
	3P+N+⏚	45	73				
32	2P+⏚						
	3P+⏚						
	3P+N+⏚	48.5	80	9	100	108	B
63	2P+⏚, 3P+⏚, 3P+N+⏚	63	93				
125	2P+⏚, 3P+⏚, 3P+N+⏚	65	108	9.5	114	114	C

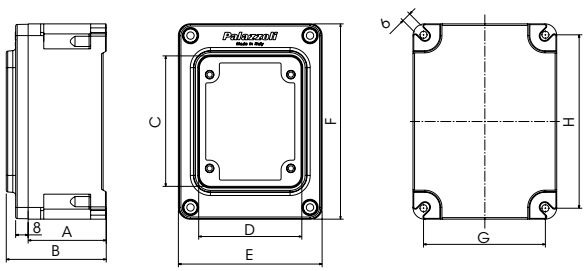


65° angled wall-mounted boxes



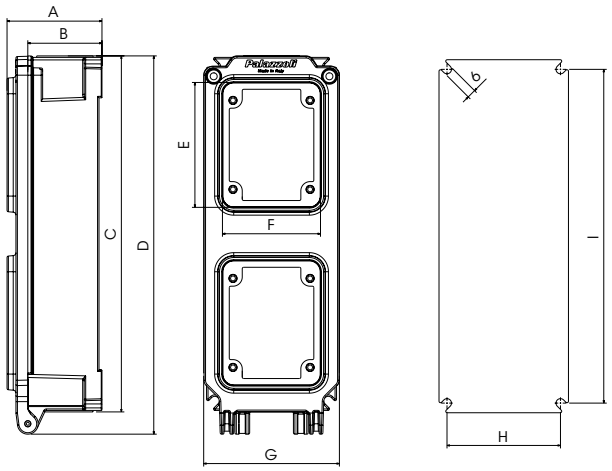
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
532131	140	50	92	125	78	111
532132	190	75	125	185	111	171
532133	208					

Wall-mounted boxes for one device



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
532101	50	64	83	65	92	125	78	111
532102	75	91	108	100	125	185	111	171
532103		108.5	14	114				

Wall-mounted boxes for two devices

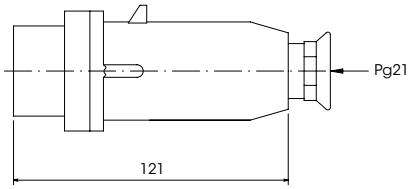


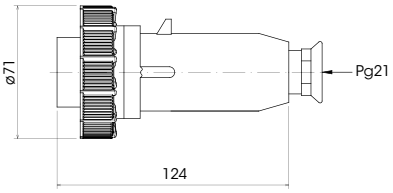
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
532121	64	50	240	255	83	65	92	78	225
532122	91	75	335	352	108	100	125	109	319

PLUGS AND SOCKETS

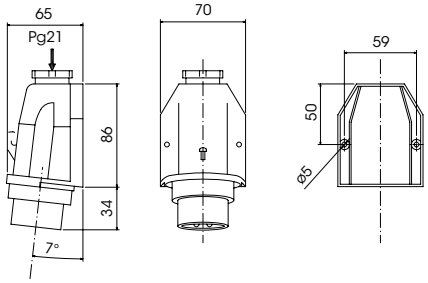
EXTRA low voltage CEE

Straight mobile plugs IP67

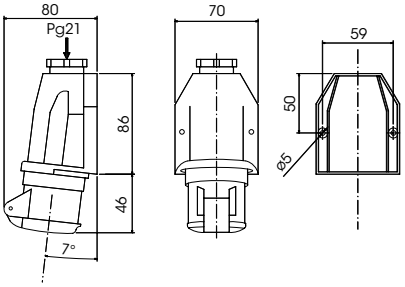




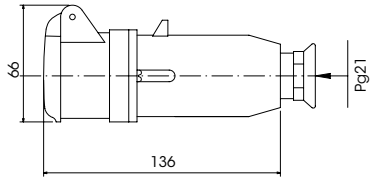
90° angled wall-mounted fixed plugs



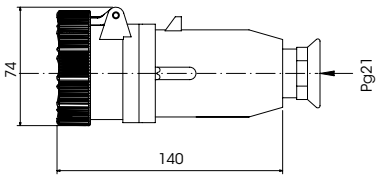
90° angled wall-mounted socket-outlets



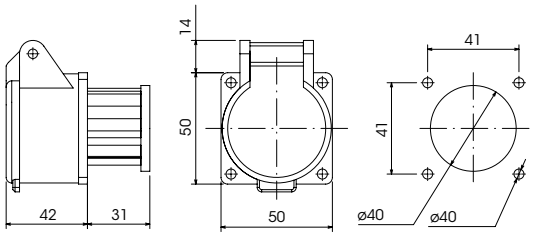
IP44 straight mobile socket-outlets



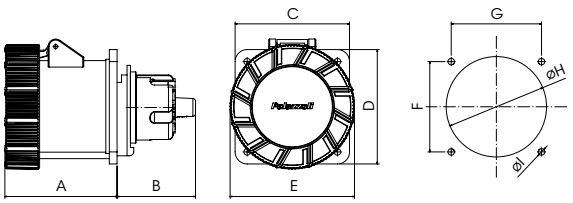
IP67 straight mobile socket-outlets



Flush-mounted IP44 sockets

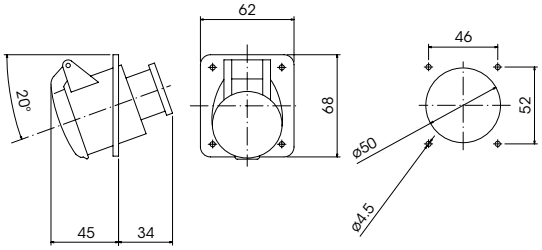


Flush-mounted IP67 sockets

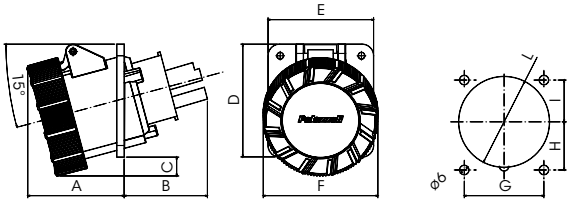


Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
16	44	28	50	50	73	41	41	40	4.5
32	44	28	50	50	73	41	41	40	4.5
63	96	64	100	108	110	85	77	85	6.5
125	113	78	114	114	126	90	90	98	6.5

Flush-mounted angled IP44 sockets



Flush-mounted angled IP67 sockets

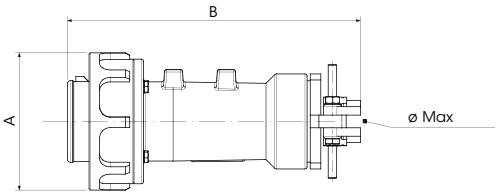


Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)
63	80	80	10	108	100	109	77	46	39	86
125	101	82	20	114	114	128	90	47	43	96

PLUGS AND SOCKETS

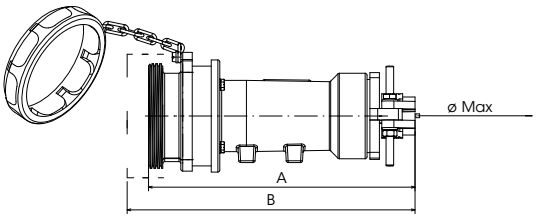
ALUMAX

Mobile plugs



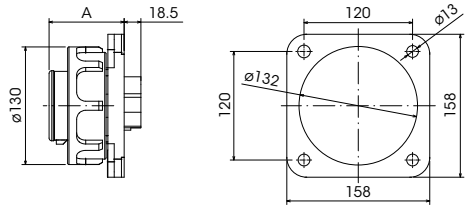
Rated current (A)	A (mm)	B (mm)	ØMax
250A	130	287.5	62
320/400A	155	378	80

Fixed socket-outlets



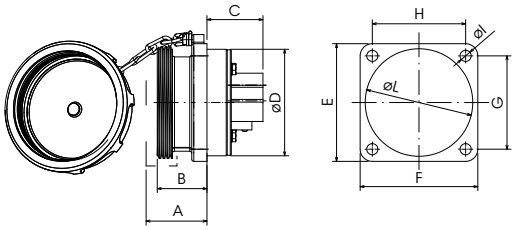
Rated current (A)	A (mm)	B (mm)	ØMax
250A	295	303	62
320/400A	375	391	82

Fixed plugs



Rated current (A)	A (mm)
250A	83
320/400A	109

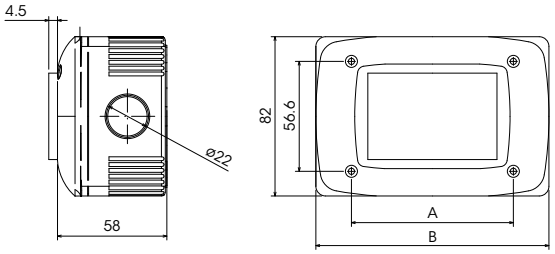
Fixed socket-outlets



Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)
250A	60	49	59	105	116	116	92	92	11	107
320/400A	78	62	67	129	158	158	120	120	13	132

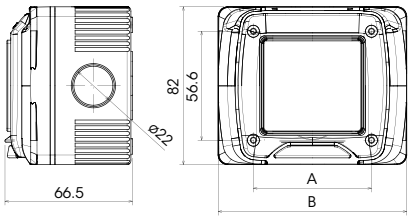
DOMOTER

Boxes for domestic devices - IP40



Palazzoli code	A (mm)	B (mm)
630001	39.4	76
630002	61.4	98
630003	83.4	120

Boxes for domestic devices - IP55

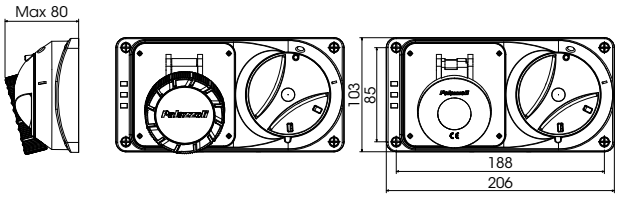


Palazzoli code	A (mm)	B (mm)
630011	39.4	76
630012	61.4	98
630013	83.4	120

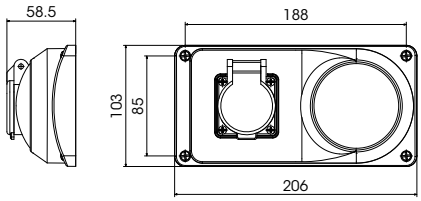
INTERLOCKED SOCKET-OUTLETS

PRIMA

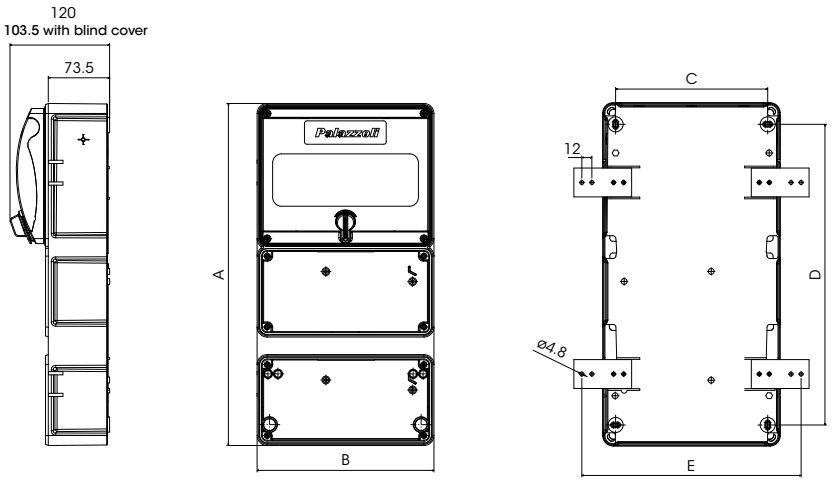
Socket-outlets with switch



Socket-outlets with transformer



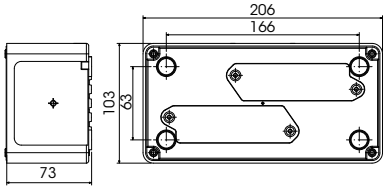
Distribution boards



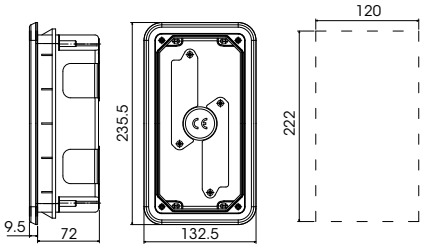
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
579602	280	424	393	230	474
579620	410	212	182	360	262
579621	410	212	182	360	262
579640	410	424	393	360	474
579641	410	424	393	360	474
579642	410	424	393	360	474

Bottom boxes - flanges - control unit

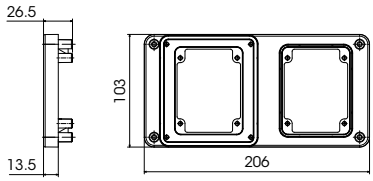
code 579500



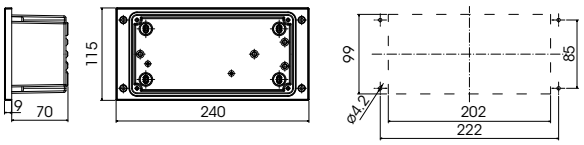
code 579510



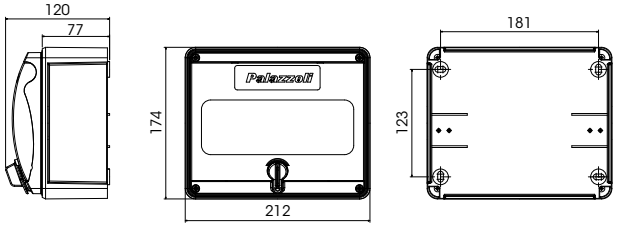
code 579718



code 575501



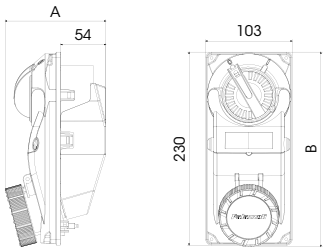
code 579612



INTERLOCKED SOCKET-OUTLETS

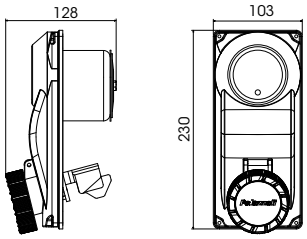
TOPTER

Socket-outlets with switch

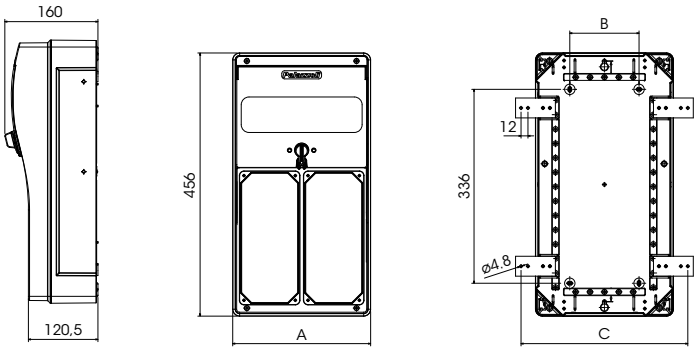


Rated current (A)	No. of poles	A (mm)	B (mm)
16	2P+⏚	120	232
	3P+⏚	123	233
	3P+N+⏚	127	234
32	2P+⏚	135	237
	3P+⏚	135	237
	3P+N+⏚	140	238

24V sockets with transformer

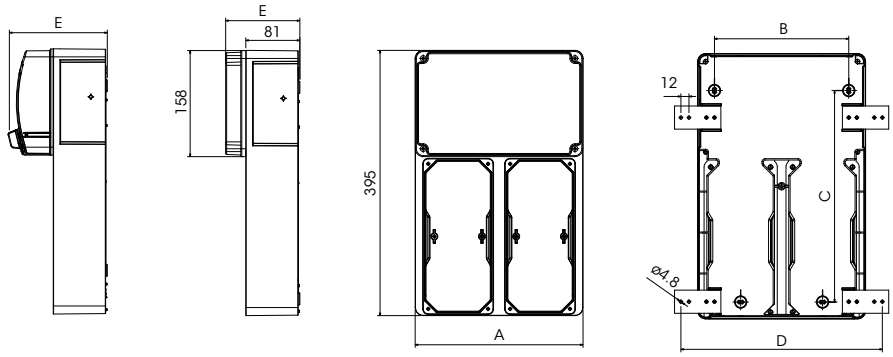


Boards with transparent door



Palazzoli code	A (mm)	B (mm)	C (mm)
579742	239	120	289
579743	350	230	400
579744	461	340	511

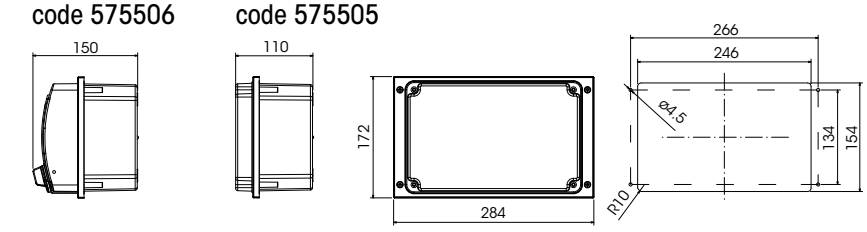
Distribution boards with transparent and blind cover

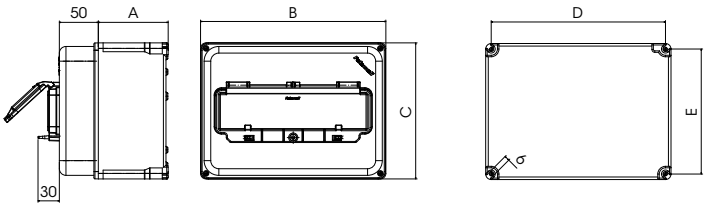


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
579741	122	72	275	172	147
579721	122	72	275	172	111
579722	250	200	315	300	111
579723	380	330	315	430	111

Wall-mounted control unit

code 575506 code 575505





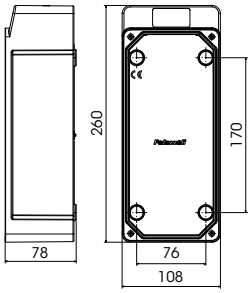
Palazzoli code	A (mm)	B (mm)	C (mm)
579708	122	110	80
579709	250	108	200

INTERLOCKED SOCKET-OUTLETS

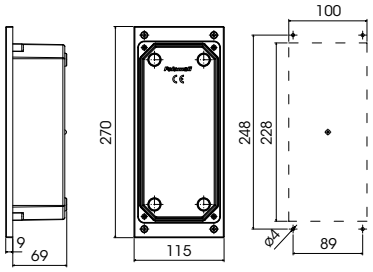
TOPTER

Boxes and flanges

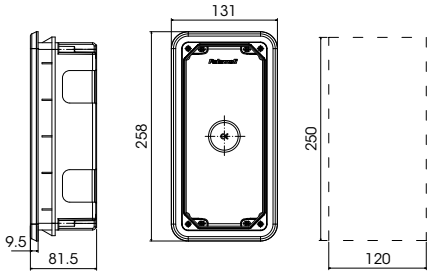
code 579710



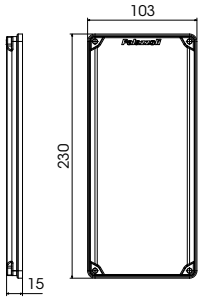
code 579711



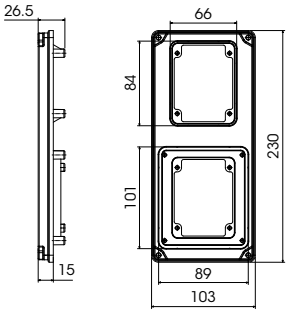
code 579712



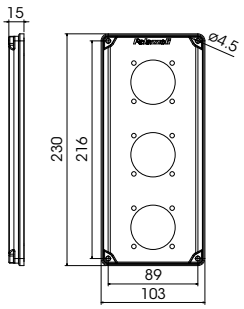
code 579713



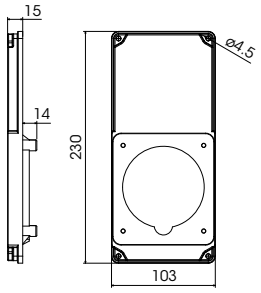
code 579714



code 579716

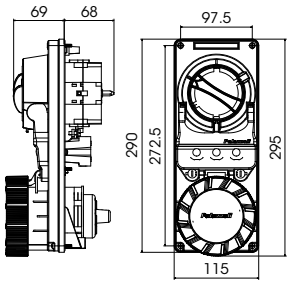


code 579717

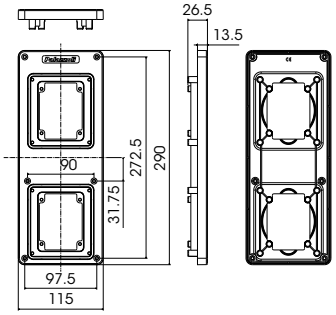


topTER 63A

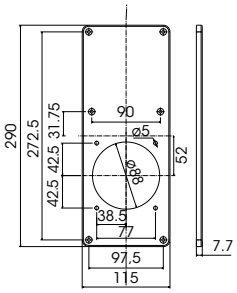
Socket-outlets



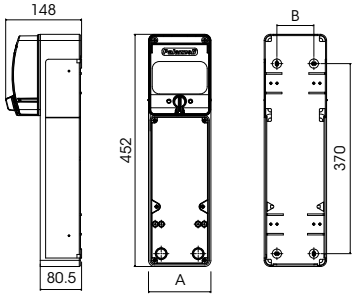
code 579719



code 579910

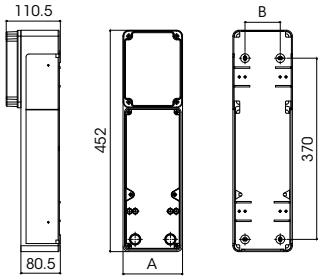


Boards and boxes code 579631



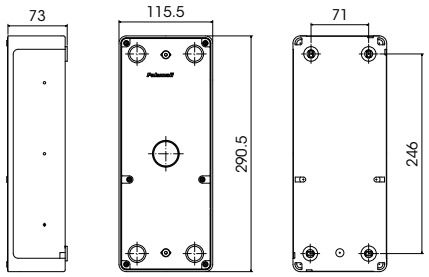
Palazzoli code	A (mm)	B (mm)
579631	121.5	72
579622	250	200
579623	378.5	328.5

code 579421

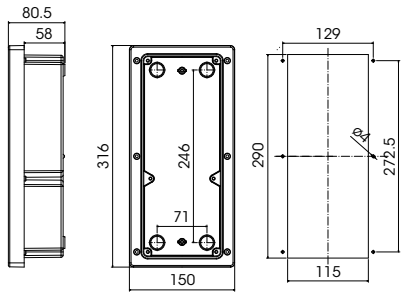


Palazzoli code	A (mm)	B (mm)
579421	121.5	72
579422	250	200
579423	378.5	328.5

code 579400



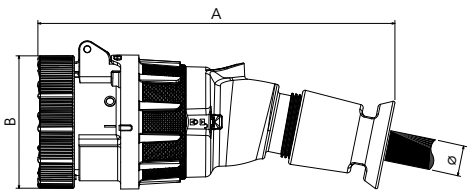
code 575502



INTERLOCKED SOCKET-OUTLETS

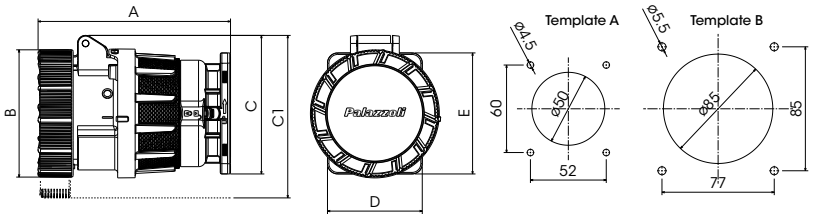
ROTOR

Straight mobile rotoswitches



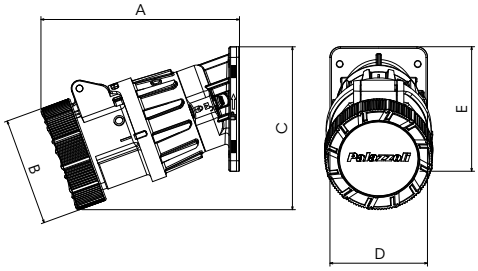
Rated current (A)	No. of poles	A (mm)	B (mm)	Ø (mm)
16	2P+⏚	214	72	6.3-18
	3P+⏚	222	80	
	3P+N+⏚	235	87	11 - 23
32	2P+⏚	250	93	
	3P+⏚			
	3P+N+⏚	264	100	13-27
63	2P+⏚	345	109	14.5-37
	3P+⏚			
	3P+N+⏚			
125	2P+⏚	415	155	25-50
	3P+⏚			
	3P+N+⏚			

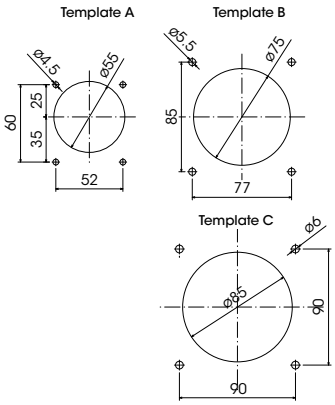
Straight panel-mounted rotoswitched sockets



Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	C1 (mm)	D (mm)	E (mm)	Template
16	2P+⏚	129	72	87	-	65	83	A
	3P+⏚		80	91	-			
	3P+N+⏚	132	87	97	-			
32	2P+⏚	146	93	97.5	102.5			
	3P+⏚							
	3P+N+⏚	150	100	114	-	100	108	B
63	3P+⏚	218	108.6	132	-	100	108	B
	3P+N+⏚							

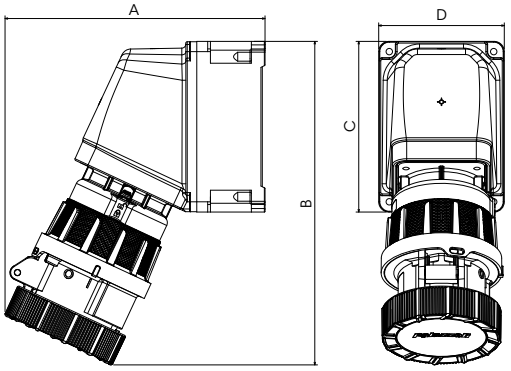
Panel-mounted angled rotoswitches





Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Template
16	2P+⏚	133	72	109	65	83	A
	3P+⏚	135	80	113			
	3P+N+⏚	139	87	117			
32	2P+⏚	152	93	125			
	3P+⏚						
	3P+N+⏚	157	100	144	100	108	B
63	3P+⏚	224	109	175	100	108	B
	3P+N+⏚						
125	3P+⏚	245	124	195	114	114	C
	3P+N+⏚						

Panel-mounted 65° angled rotoswitches

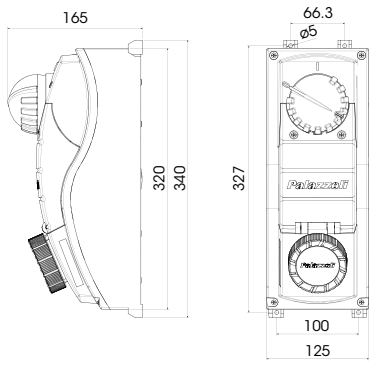


Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
16	2P+⏚	182	230	125	92	78	111
	3P+⏚	186	233				
	3P+N+⏚	191	237				
32	2P+⏚	200	250				
	3P+⏚						
	3P+N+⏚	243	295	185	125	111	171
63	3P+⏚	275	358				
	3P+N+⏚						
125	3P+⏚	250	385				
	3P+N+⏚						

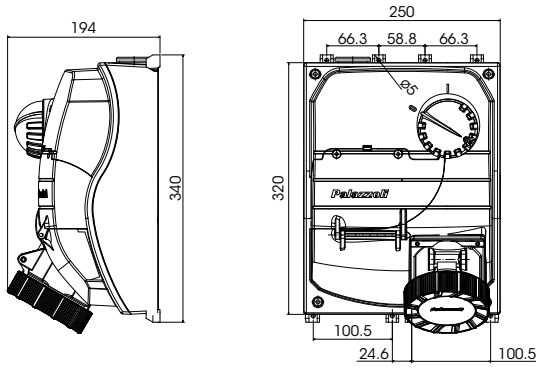
INTERLOCKED SOCKET-OUTLETS

ULYSSE

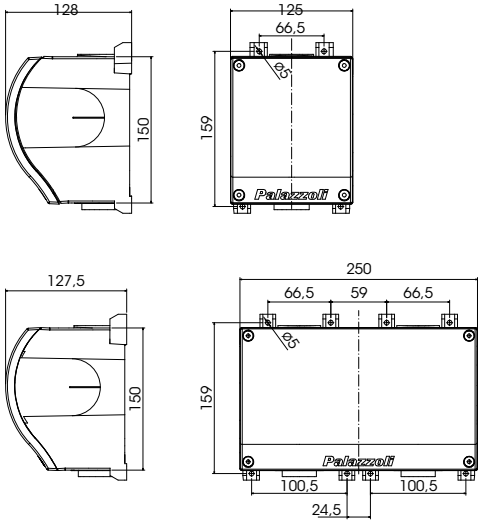
Sockets with 16A/32A switch

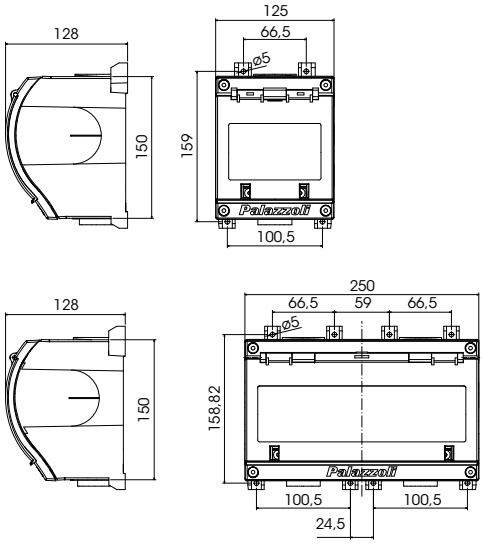


Socket-outlets with 63A switch

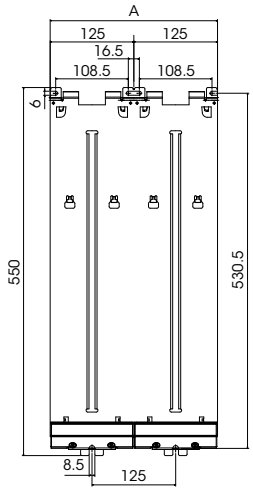


Boxes

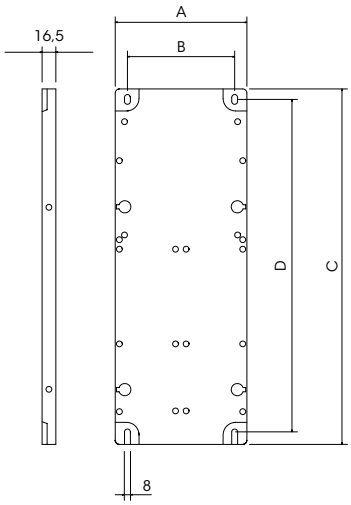




Back plates in steel and thermosetting GRP



Palazzoli code	A (mm)
415901	125
415902	250
415903	375
415904	500

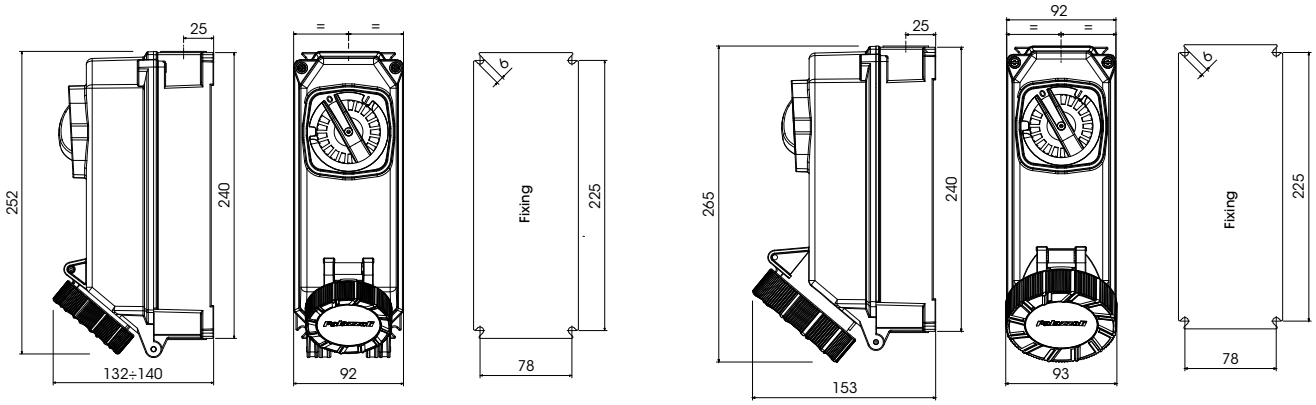


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
415801	125	90	540	515
415802	250	215	540	515

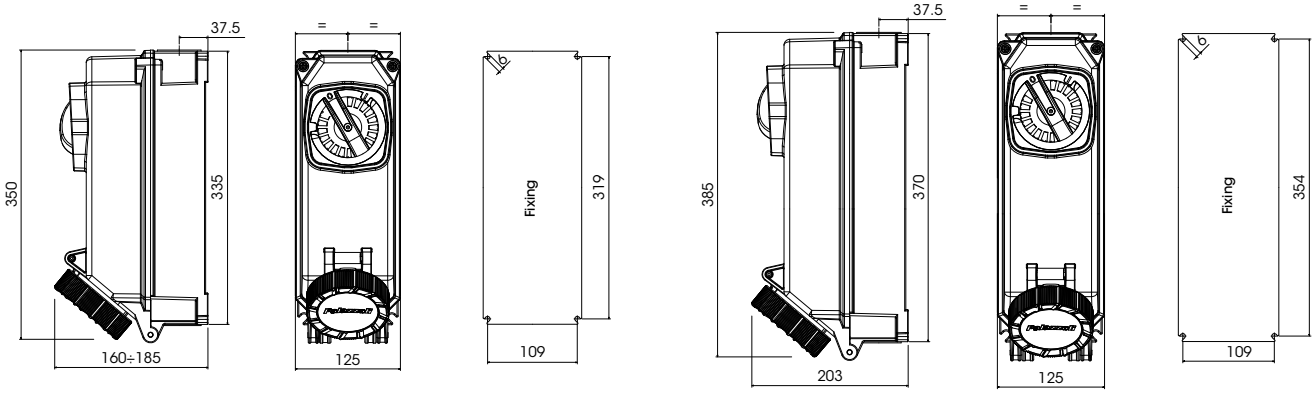
INTERLOCKED SOCKET-OUTLETS

TAIS

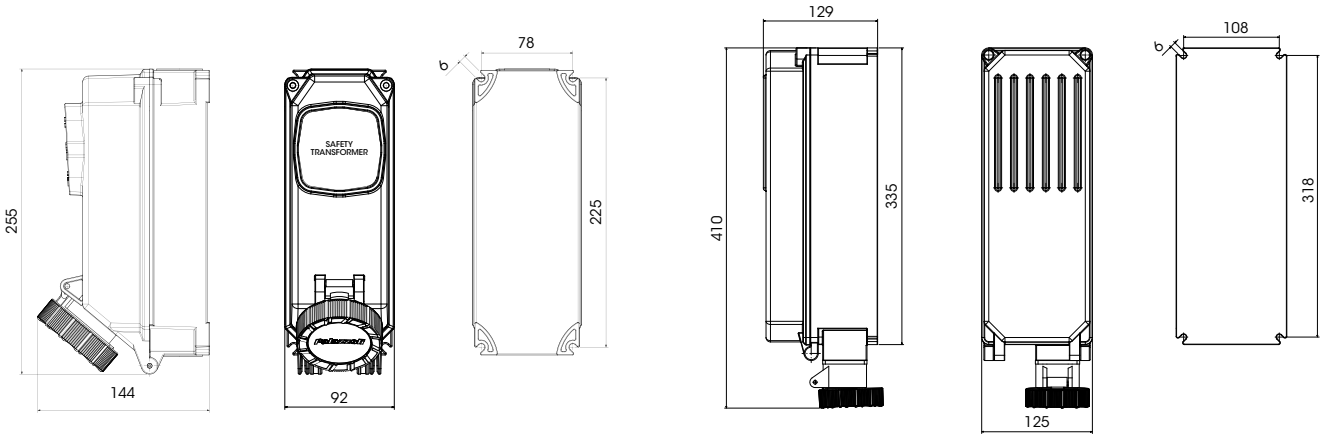
Interlocked socket-outlets - Module 95, 16A - 32A



Interlocked socket-outlets - Module 125, 16A/32A - 63A



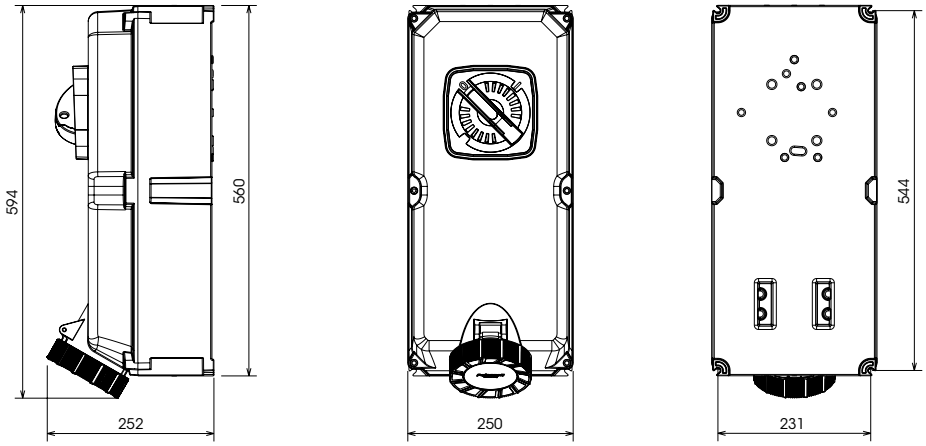
24V sockets with transformer



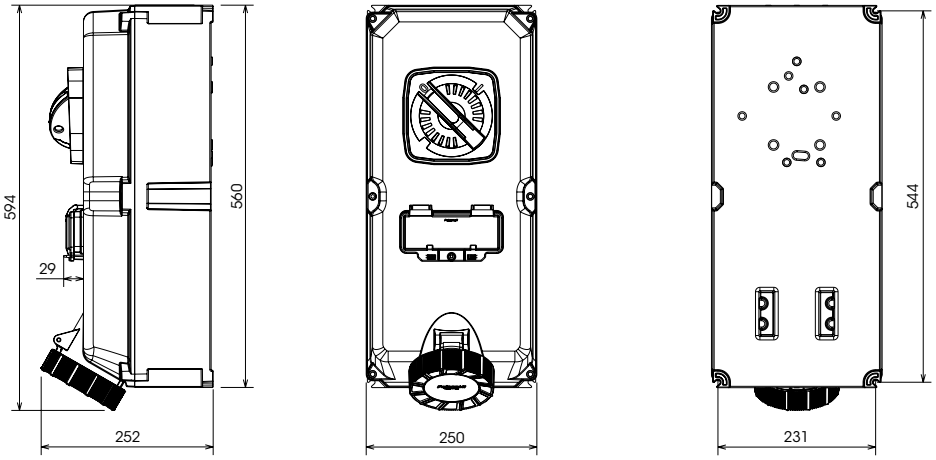
INTERLOCKED SOCKET-OUTLETS

TAIS

Interlocked socket-outlets - Module 250 - 125A



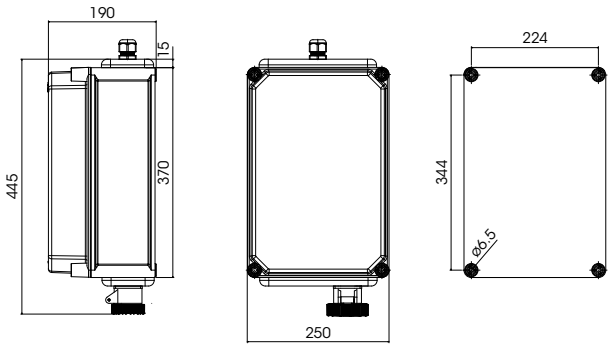
Interlocked socket-outlets with DIN rail - Module 250 - 125A



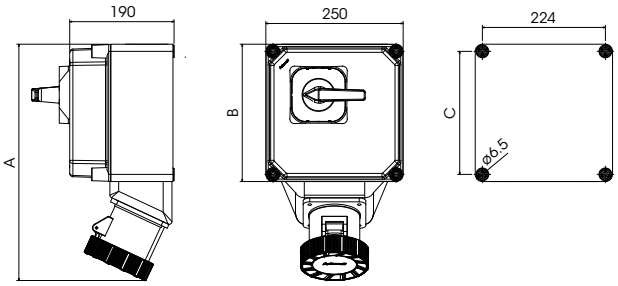
INTERLOCKED SOCKET-OUTLETS

TAIS

48V socket with transformer

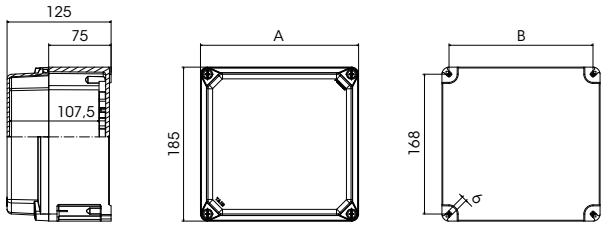


Socket-outlets with electrical interlock



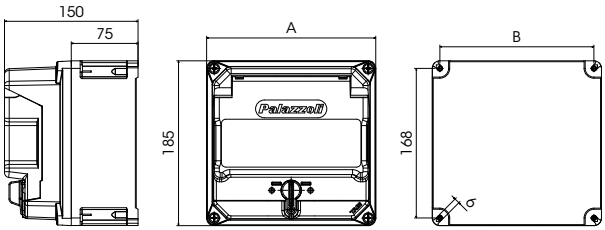
Palazzoli code	A (mm)	B (mm)	C (mm)
478336	402	250	224
478346	402	250	224
478436	425	250	224
478446	425	250	224
476336	520	370	344
476346	520	370	344
476436	544	370	344
476446	544	370	344

Blind boxes



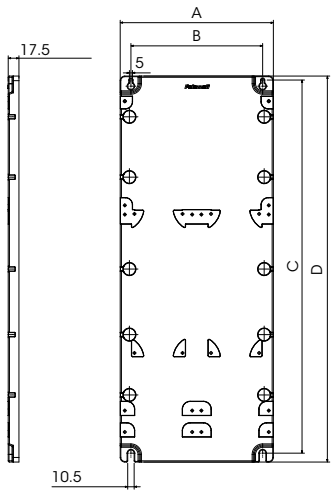
Palazzoli code	A (mm)	B (mm)
532200	125	108
532201	190	173
532202	250	233
532203	290	273
532204	380	363

Boxes with window



Palazzoli code	A (mm)	B (mm)
532300	125	108
532301	190	173
532302	250	233
532303	290	273
532304	380	363

Back plates in thermosetting GRP



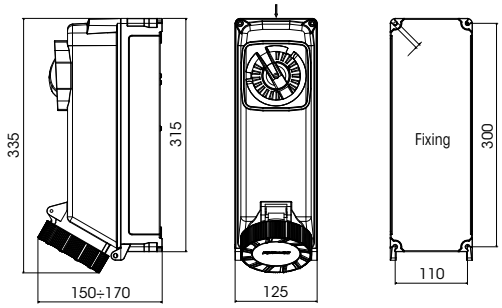
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
538800	125	90	609	630
538801	190	155	480	500
538802	250	215	609	630
538803	290	255	483	500
538804	380	345	609	630

INTERLOCKED SOCKET-OUTLETS

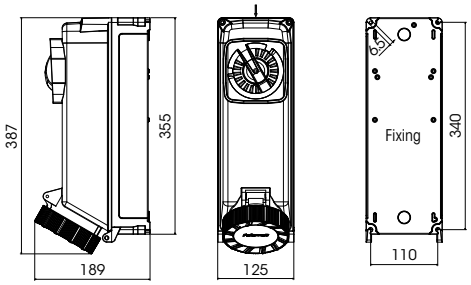
ALUPRES

Interlocked socket-outlets - Module 125

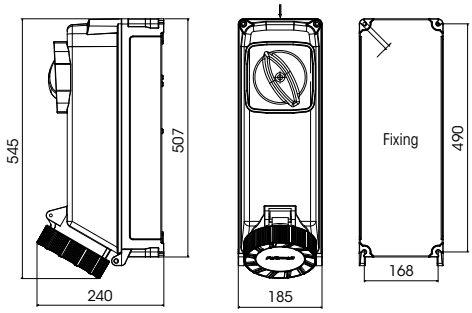
16A/32A



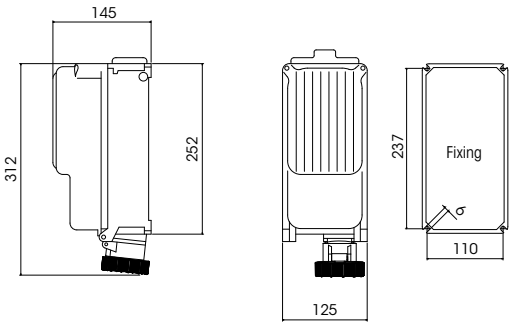
63A



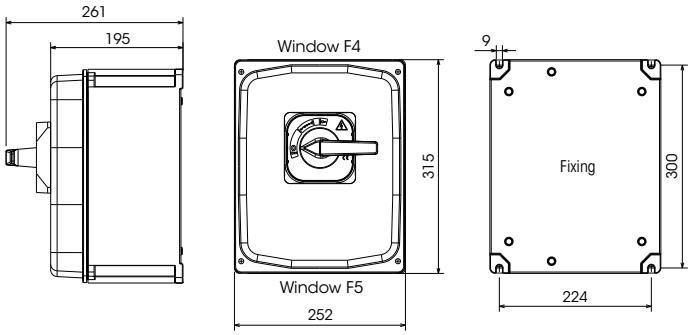
Interlocked socket-outlets - Module 185 - 125A



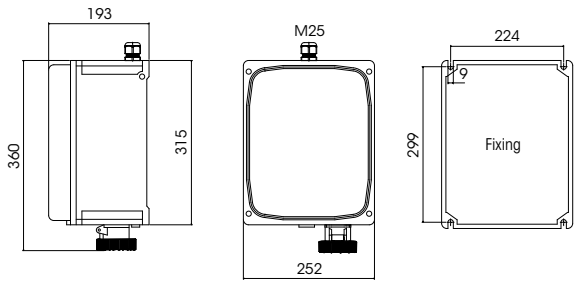
24V sockets with transformer



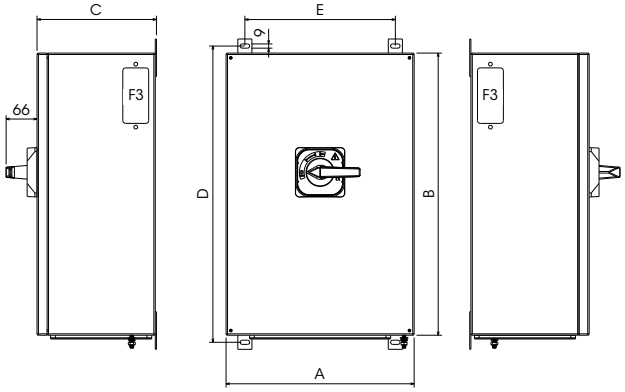
Switch of module 250 - 125A/160A/250A



48V socket-outlets with transformer

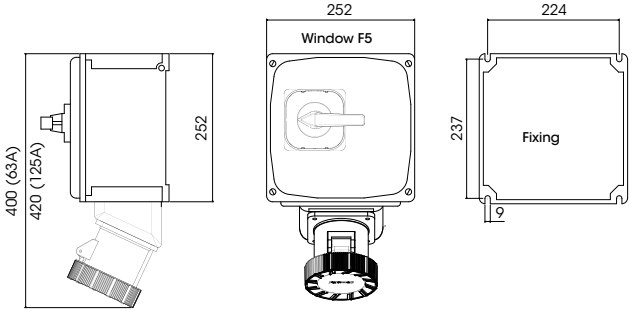


400A/630A switch



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
274440	400	600	252	630	320
274463	500	900	252	930	450

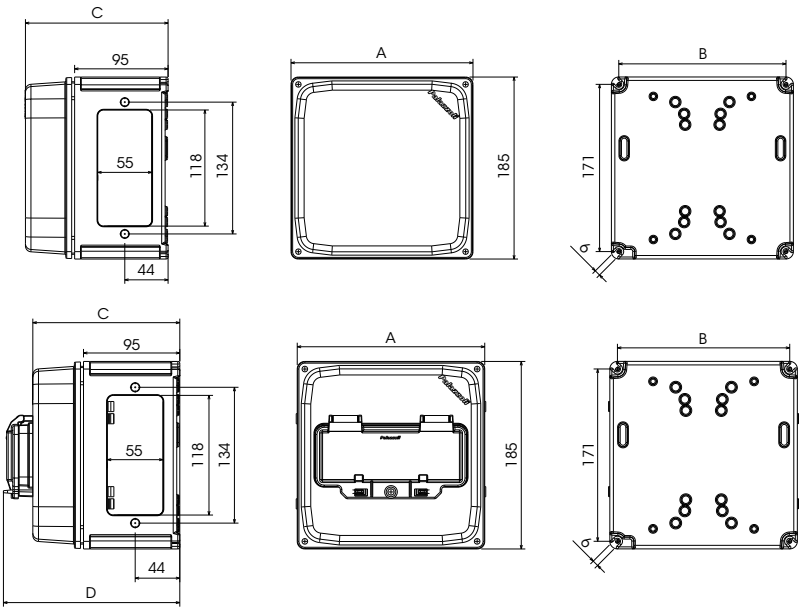
Socket-outlets with electrical interlock



INTERLOCKED SOCKET-OUTLETS

ALUPRES

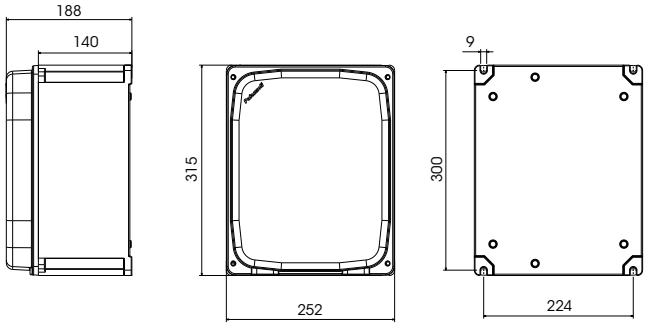
Boxes in aluminium alloy



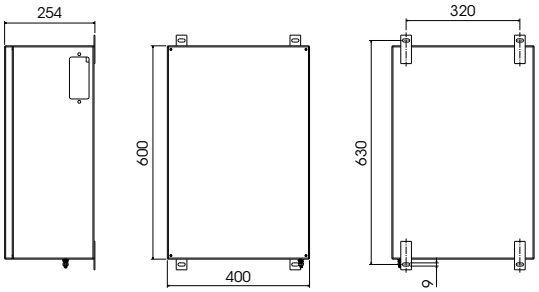
Dimensions (mm)	A (mm)	B (mm)	C (mm)
511201	125	111	145
511202	250	236	152
511203	185	171	145
511204	250	236	152

Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
511301	125	111	145	174
511302	250	236	152	181
511303	185	171	145	174
511304	250	236	152	181

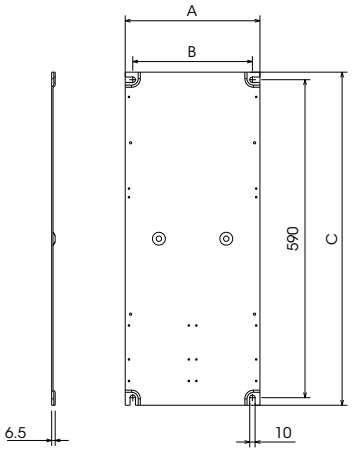
Boxes in aluminium alloy



Steel boxes



Mounting plate

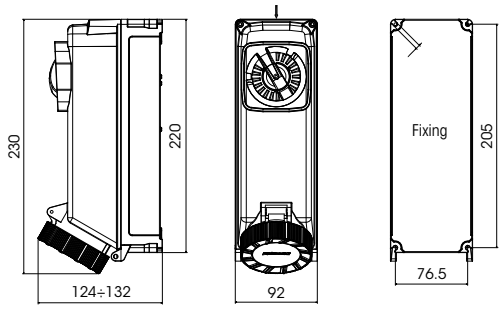


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
511801	125	97	620	590
511802	250	222	620	590
511803	375	347	620	590
511804	500	472	620	590
511805	185	157	770	745

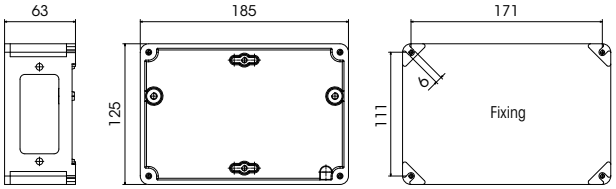
INTERLOCKED SOCKET-OUTLETS

ALUPRES

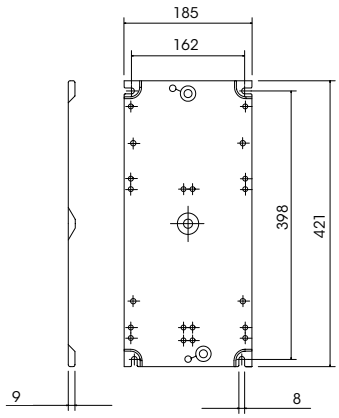
Compact socket-outlets of module 92 - 16A



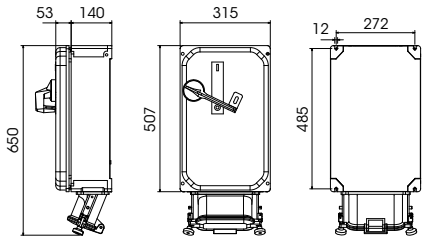
Compact aluminium alloy box



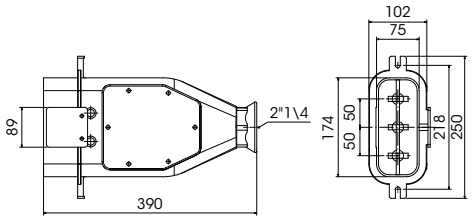
Mounting plate for compact socket-outlets



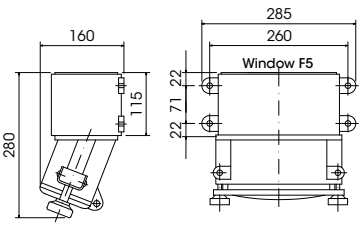
Interlocked socket-outlets 250A



Mobile plugs

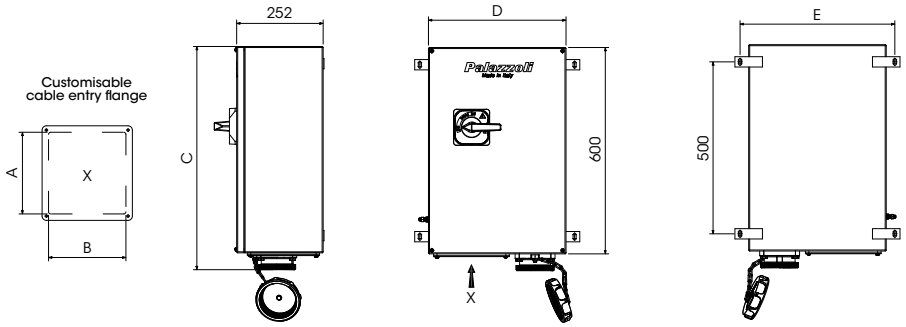


Fixed socket-outlets



ALUMAX

Wall sockets with electrical interlock

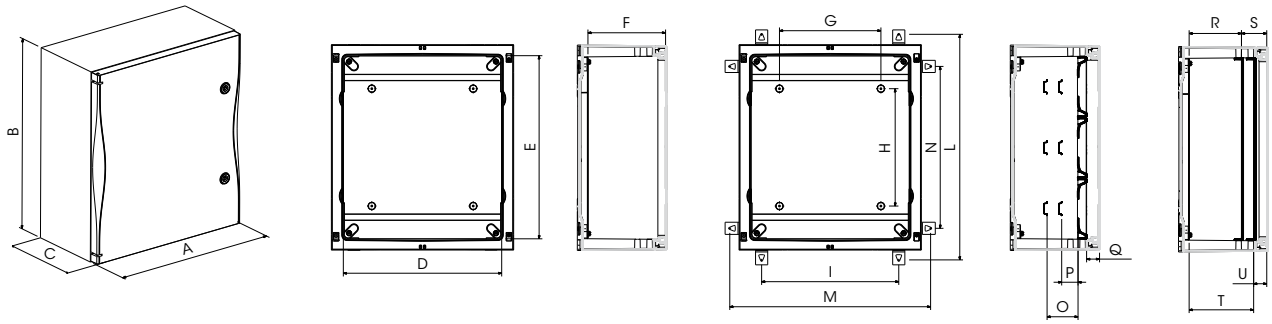


Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
250	180	190	650	400	450
320/400	180	270	660	500	550

BOARDS AND BOXES

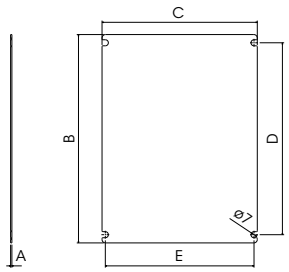
TAIS CUBE

Distribution boards in thermosetting GRP



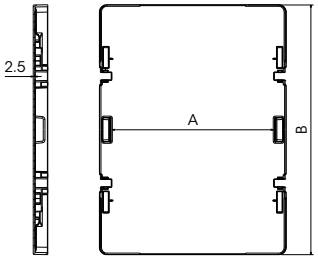
Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)	N (mm)	O (mm)	P (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)
1	258	304	160	200	250	131	60	87	148	355	305	198	-	-	-	-	-	-	-
2	340	430	180	282	376	151	142	214	230	481	386	324	78	50	34	93	58	120	31
3	449	506	220	390	451	191	250	290	338	556	495	399	78	50	34	133	58	160	31
4	449	656	220	390	601	191	250	439	338	706	495	549	78	50	34	133	58	160	31
5	558	656	260	498	601	230	358	439	446	706	603	549	78	50	34	173	57	200	30
6	631	807	300	570	751	269	430	590	518	856	675	699	78	50	34	212	57	239	30
7	848	1058	350	786	1001	319	646	842	734	1106	891	949	78	50	34	257	62	287	32

Plates



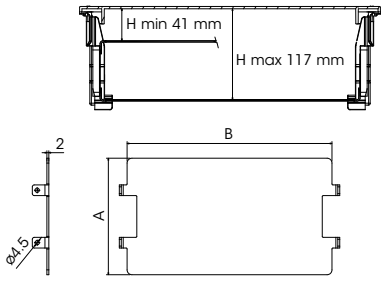
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
550601 - 550611	1.5	241	179,5	222	172
550602 - 550612	1.5	367	261,5	348	254
550603 - 550613	2	442	369.5	423	362
550604 - 550614	2	592	369.5	573	362
550605 - 550615	2	592	477.5	573	470
550606 - 550616	2	742	549.5	723	542
550607 - 550617	2	992	765,5	973	758
550621	3	244	194	222	172
550622	3	370	276	348	254
550623	3	445	384	423	362
550624	3.7	595	384	573	362
550625	3.7	595	492	573	470
550626	3.7	745	564	723	542

Inner doors



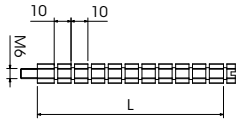
Palazzoli code	A (mm)	B (mm)
550502	240	374
550503	348	447
550504	348	596
550505	457	596
550506	529	746
550507	745	998

Partial plates



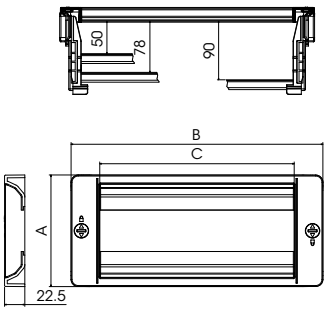
Palazzoli code	A (mm)	B (mm)
550632	120	211
550633	145	319
550635	145	427
550636	145	499
550637	195	715

Spacer



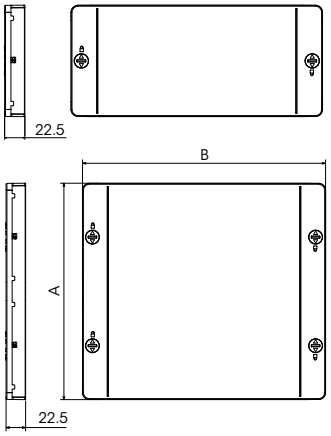
Palazzoli code	L (mm)	No. of positions
550662	70	7
550663	110	11
550665	150	15
550666	190	19
550667	240	24

Windowed panels



Palazzoli code	A (mm)	B (mm)	C (mm)
550522	124	280	216
550523	149	388	324
550525	149	496	432
550526	149	568	504
550507	199	784	720

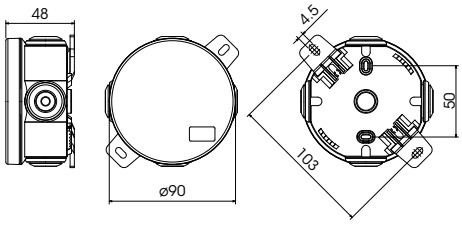
Blind panels

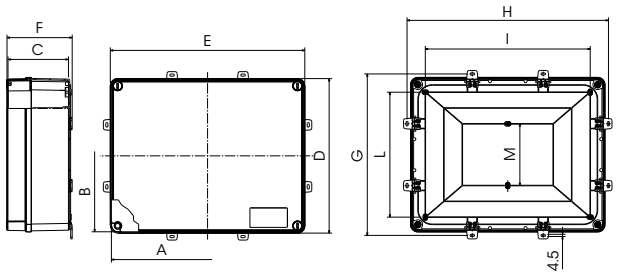


Palazzoli code	A (mm)	B (mm)
550542	124	280
550543	149	388
550545	149	496
550546	149	568
550547	199	784
550552	249	280
550553	299	387
550555	299	495
550556	299	567
550557	399	783

BOARDS AND BOXES

TERBOX

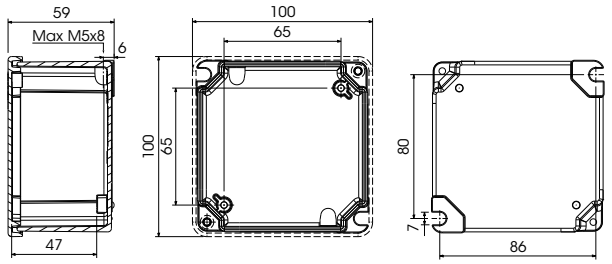




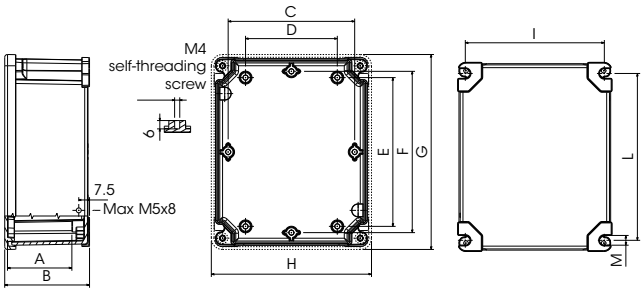
Box type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
791234	98	98	49	108	108	59	123	123	60	60	-
791236	148	108	70	118	158	80	133	173	110	70	-
791207	188	138	70	148	198	80	163	213	150	100	-
791208	237	187	90	199	249	99.5	213	263	193	136	-
791209	297	217	121	230	309	130	243	323	250	170	-
791210	379	297	121	309	389	130.5	323	403	330	250	123

UNIBOX E UNIBOX-EXU

UNI B9 box

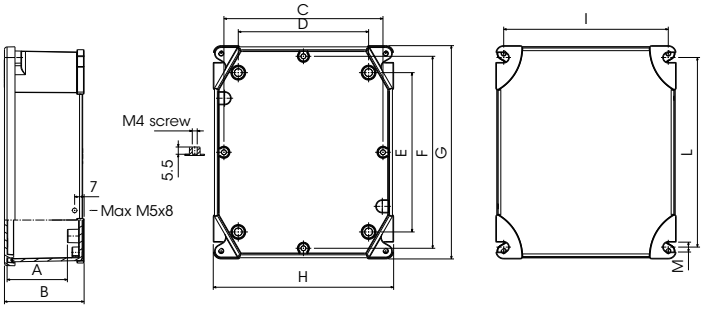


Boxes from UNI B11 to UNI B19



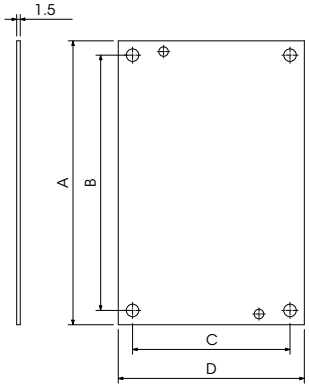
Box type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
UNI B11	46	61	91	66	107	116	140	115	100	120	7
UNI B12	50	65	115	99	121	140	166	141	125	144	7.5
UNI B14	65	80	142	113	153	172	192	168	149	168	7.5
UNI B19	76	93	190	153	188	226	253	217	196	226	10

UNI B20 and UNI B21 boxes



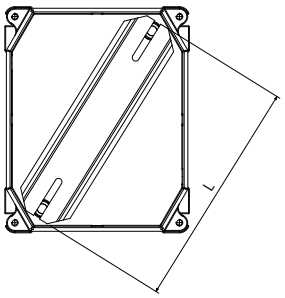
Box type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
UNI B20	105,5	122	236	198	238	286	314	264	236	275	10
UNI B21	132,5	150	286	248	333	381	410	315	283	367	10

Plates



For box type	A (mm)	B (mm)	C (mm)	D (mm)
UNI B11	119	107	66	78
UNI B12	132	121	99	108
UNI B14	165	153	113	125
UNI B19	200	188	153	165
UNI B20	250	238	198	210
UNI B21	345	333	248	257

DIN rails

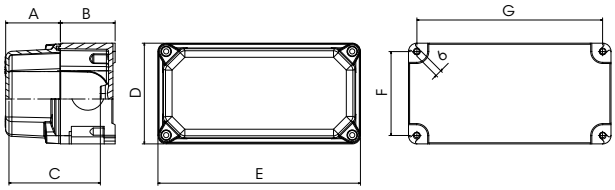


For box type	L (mm)
UNI B9	100
UNI B11	138
UNI B12	164
UNI B14	202
UNI B19	264
UNI B20	320
UNI B21	422

BOARDS AND BOXES

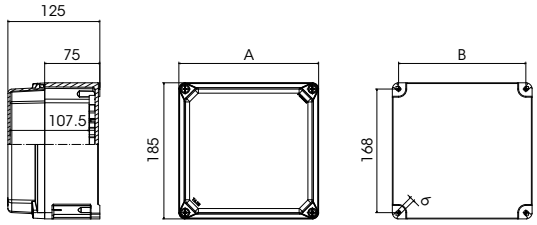
TAISBOX

Enclosuresin thermosetting GRP



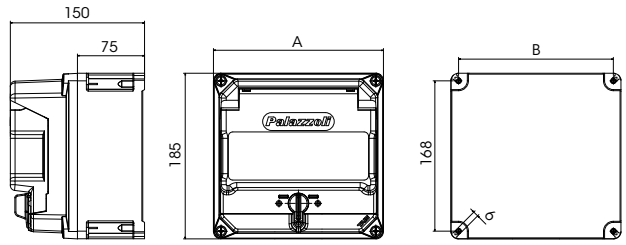
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
532035	18	50	51	92	92	78	78
532045	18	50	51	92	125	78	111
532055	18	50	51	92	185	78	171
532116	18	75	75	125	125	111	111
532117	18	75	75	125	185	111	171
532118	18	75	75	125	250	111	238
532005	50	50	83	92	92	78	78
532006	50	50	83	92	125	78	111
532015	50	50	83	92	185	78	171
532016	50	75	100	125	125	111	111
532017	50	75	100	125	185	111	171
532018	50	75	100	125	250	111	238

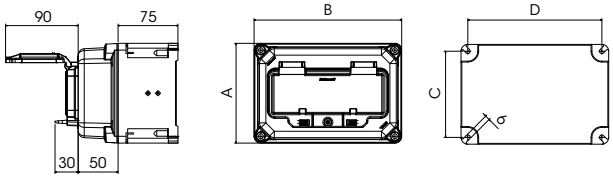
Enclosures with blind cover



Palazzoli code	A (mm)	B (mm)
532200	125	108
532201	190	173
532202	250	233
532203	290	273
532204	380	363

Enclosures with transparent door

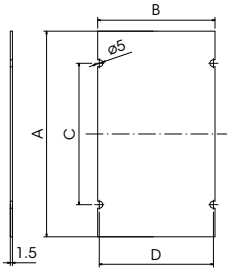




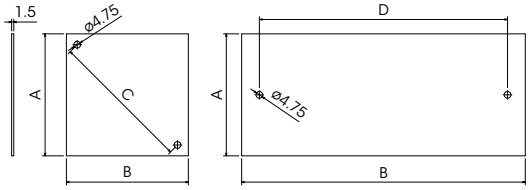
Palazzoli code	A (mm)	B (mm)
532300	125	108
532301	190	173
532302	250	233
532303	290	273
532304	380	363

Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
532516	125	125	109	109
532557	125	185	109	169
532658	125	250	109	234

Steel back plates



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
532700	145	82.7	99.7	80.5
532701	140	160	99.7	145.5
532702	145	208	99.7	205.5
532703	145	260	99.7	245.5
532704	145	350	99.7	335.5

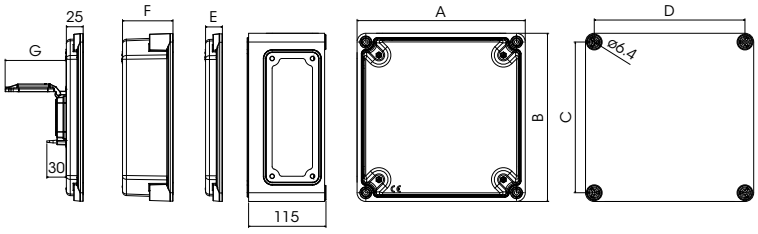


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
532705	59	59	70	-
532714	59	92	96.5	-
532715	62	142	-	100
532716	86	86	100	-
532717	86	135	-	100
532718	86	200	-	175

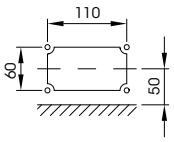
BOARDS AND BOXES

TAISBOX

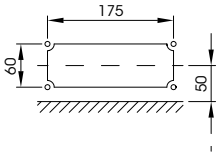
Boxes in thermosetting GRP



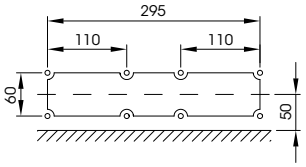
Window "a"



Window "b"

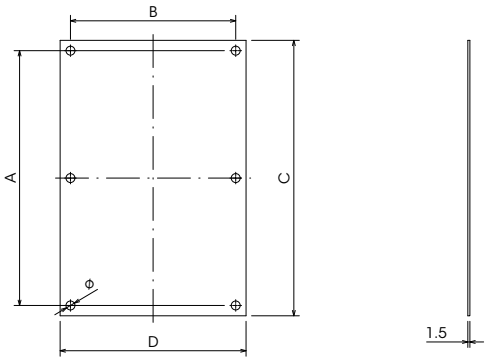


Window "c"



Dimensions (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
185x185	185	185	159	159	25	-	90
250x185	250	185	224	159	25	75	90
250x250	250	250	224	224	25	75	-
370x250	370	250	224	344	25	75	-
500x370	500	370	344	474	25	75	-

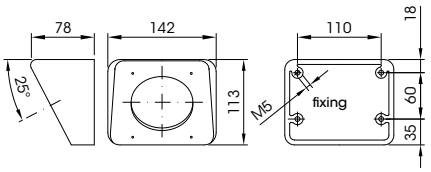
Steel back plates



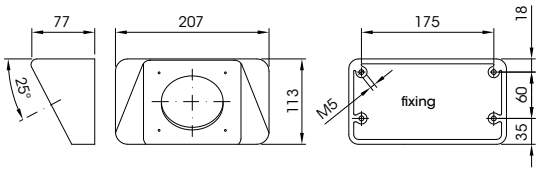
Dimensions (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Ø (mm)
185x185	120	120	135	135	6.5
250x185	185	120	200	135	6.5
250x250	185	185	200	200	6.5
370x250	305	185	321	200	6.5
*500x370	435	305	450	320	8

Mounting brackets for XCEE 63A - 125A socket-outlets

Window "a"



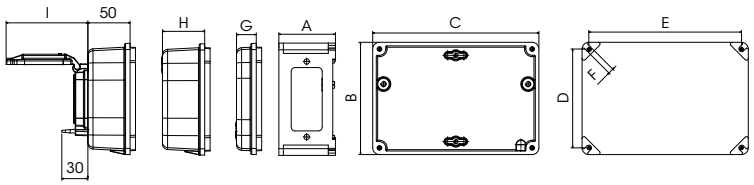
Window "b"



BOARDS AND BOXES

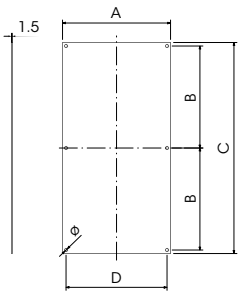
ALUCASE

Boxes in aluminium alloy



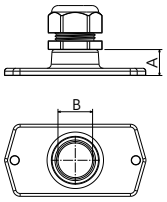
Dimensions (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
92x92	42	92	92	78	78	6	23	35	-
125x92	42	92	125	78	111	6	-	50	-
185x92	42	92	185	78	171	6	-	50	-
125x125	63	125	125	111	111	6	10	50	90
185x125	63	125	185	111	171	6	25	50	90
252x125	63	125	252	111	238	6	-	50	90
155x155	63	155	155	141	141	6	10	-	-
185x185	95	185	185	171	171	6	10	50	90
252x185	95	185	252	169	236	6	-	50	90
220x220	95	220	220	192	205	6	13	-	-
252x252	140	252	252	224	237	6	25	57	-
315x252	140	252	315	224	300	6	-	53	-
507x252	140	252	507	224	492	9	53	-	-
295x295	105	295	295	266	280	9	18	-	-
315x315	140	315	315	286	300	9	53	-	-
373x373	140	373	373	330	353	12	25	80	-
507x373	140	373	507	330	487	12	53	165	-
630x373	140	373	630	330	610	12	53	127	-
630x507	140	507	630	464	610	12	53	-	-

Steel back plates



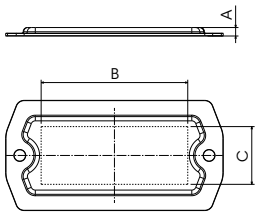
Dimensions (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Ø (mm)
92x185	77	65	142	65	5
125x125	100	39	90	88	5.5
125x185	100	61.5	135	88	5.5
125x252	100	94	200	88	5.5
155x155	118	55	122	40	5.5
185x185	135	74	160	123	5.5
185x252	160	94	200	148	5.5
220x220	152	88	190	62	5.5
252x252	210	85.5	185	196	6.5
252x315	210	110,5	235	196	6.5
252x507	215	203	420	201	6.5
295x295	220	111	240	76	6.5
315x315	270	108	230	256	6.5
373x373	320	134,5	285	304	8
373x507	320	202	419	304	8
373x630	320	262	539	304	8
507x630	430	262	539	414	8

Flanges with metric thread



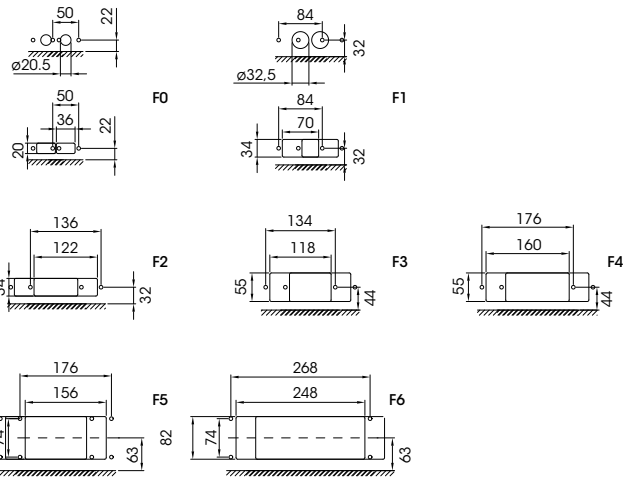
Palazzoli code	A (mm)	B (mm)
541050	22	M25
541055	18	M25
540180	51	M32
540190	69.5	M40
540191	69.5	M50
540193	51	M40
540195	80	M50

Flat flanges

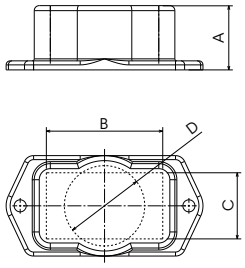


Palazzoli code	A (mm)	B (mm)	C (mm)
540090	2.5	30	14
540091	5.5	59	25
540032	5.5	95	25
540033	6	106	49
540034	6	148	49
540035	7	142	80
540036	8	238	84

Windows and holes



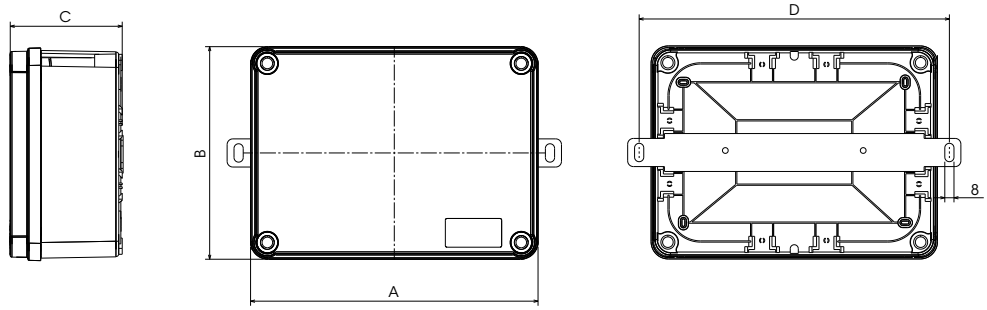
Raised flanges



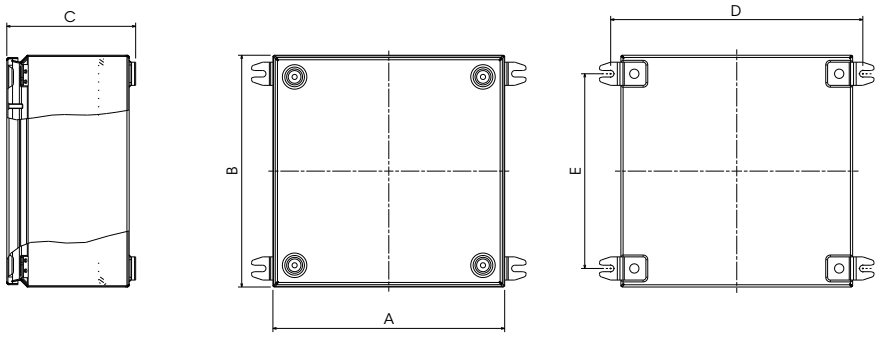
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
540061	32	60	30	35
540062	32	112	30	35
540063	50	100	50	60
540064	50	140	50	60
540065	80	140	90	90
540066	80	230	85	85

BOARDS AND BOXES

FIREBOX

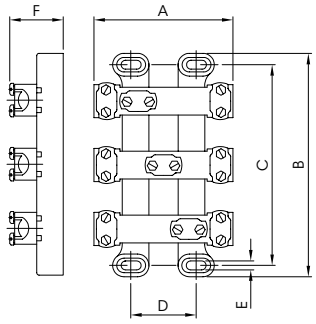


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
151700	160	120	80	170
151702	200	150	80	220
151703	250	185	100	270

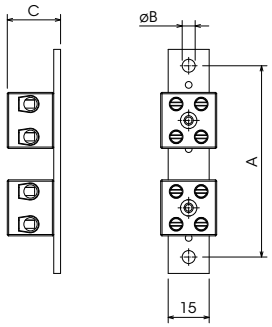


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
151301	150	150	100	172	110
151304	250	250	140	272	210

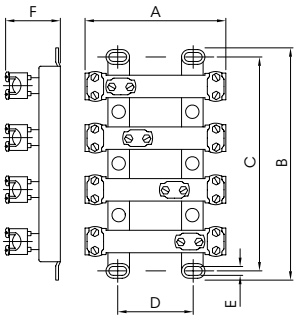
CONTACT



Palazzoli code	A (mm)	øB (mm)	C (mm)
532725	70	4.75	19.5
532745	98	4.75 x 7 (slotted hole)	19.5
532747	100	4.75	25.2



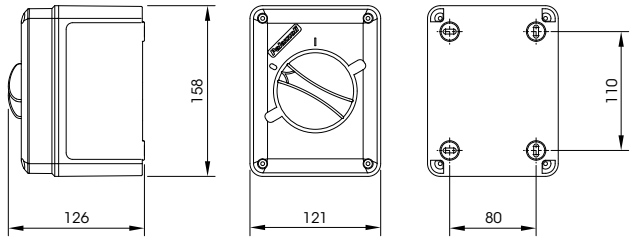
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
159030	59	78	69	-	5	27
159032	78	101	88	32	5.5	29
159033	86	128	110	40	6.5	38
159034	100	150	134	55	7.5	46
159035	128	196	176	62	7.5	56
159036	178	240	222	76	7	80
159037	232	294	274	88	7	88



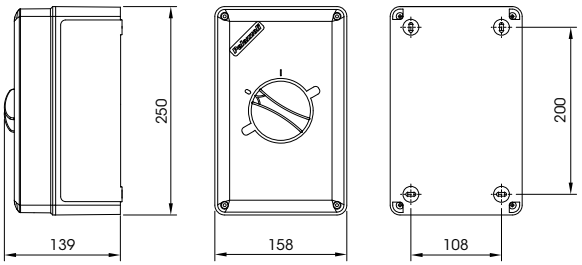
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
159040	70	101	88	32	5.5	27
159042	92	128	110	40	6.5	32
159043	102	150	134	55	7.5	43
159044	119	196	176	62	7.5	50
159045	154	240	222	76	7	64
159046	222	294	274	88	7	80

CAM-SZ in thermoplastic material for wall-mounting

16A to 32A



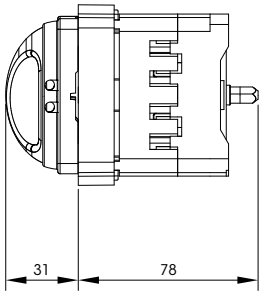
40A to 100A



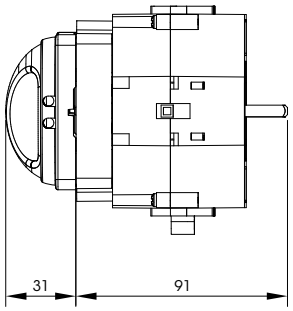
CAM-SZ

Isolator switches for back panel mounting

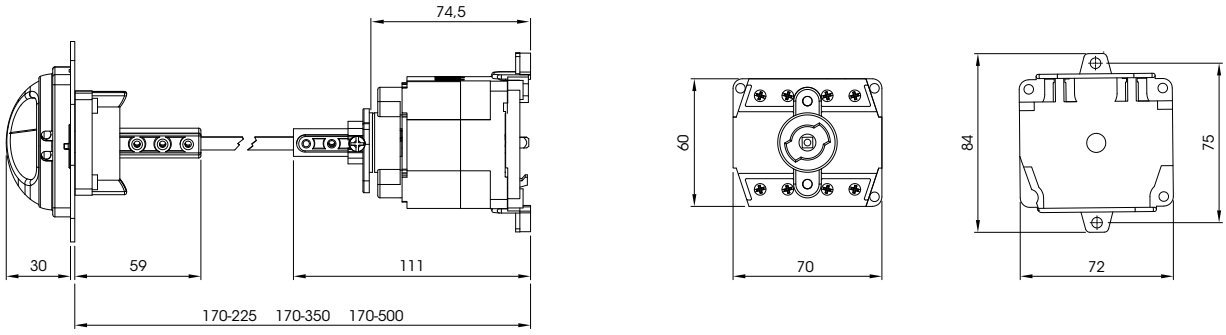
16A/32A



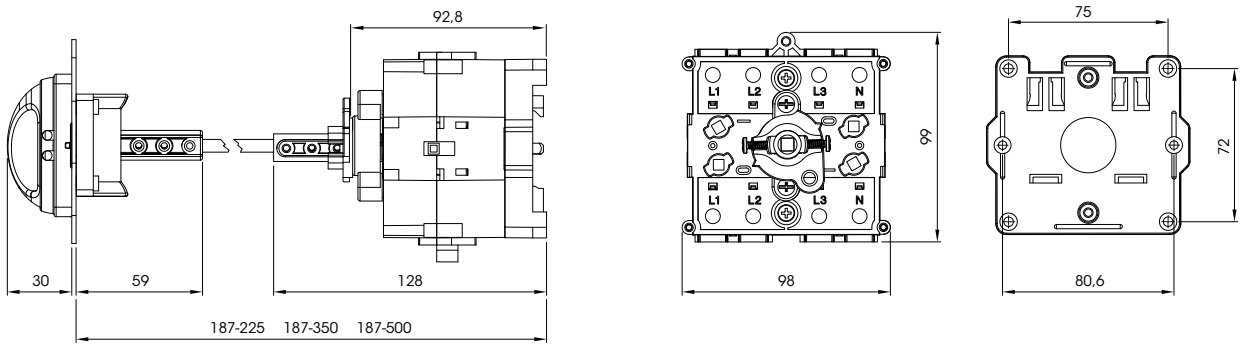
40A/100A



16A/32A isolator switches with door lock for base-mounting



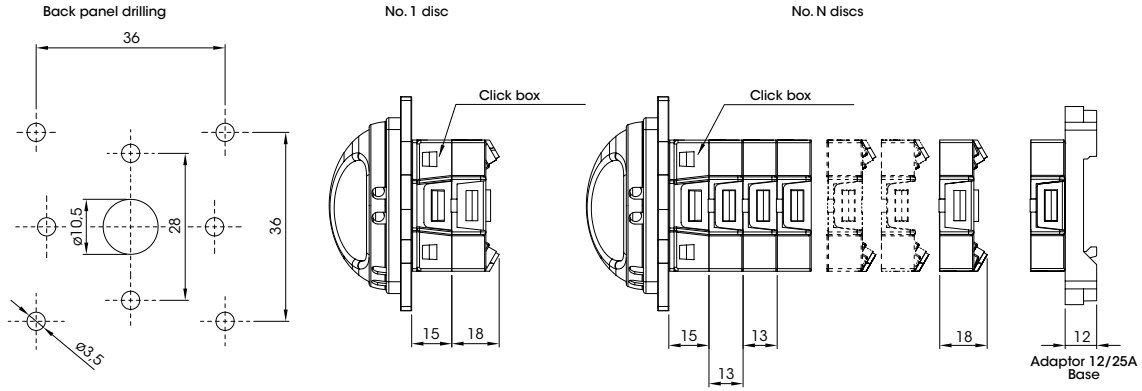
40A/100A isolator switches with door lock for base-mounting



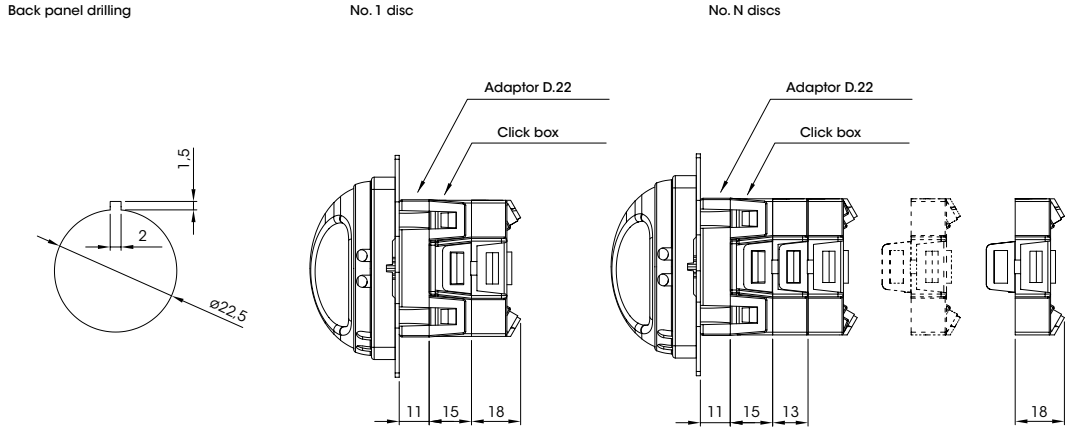
CONTROL AND PROTECTION

CAM-ST

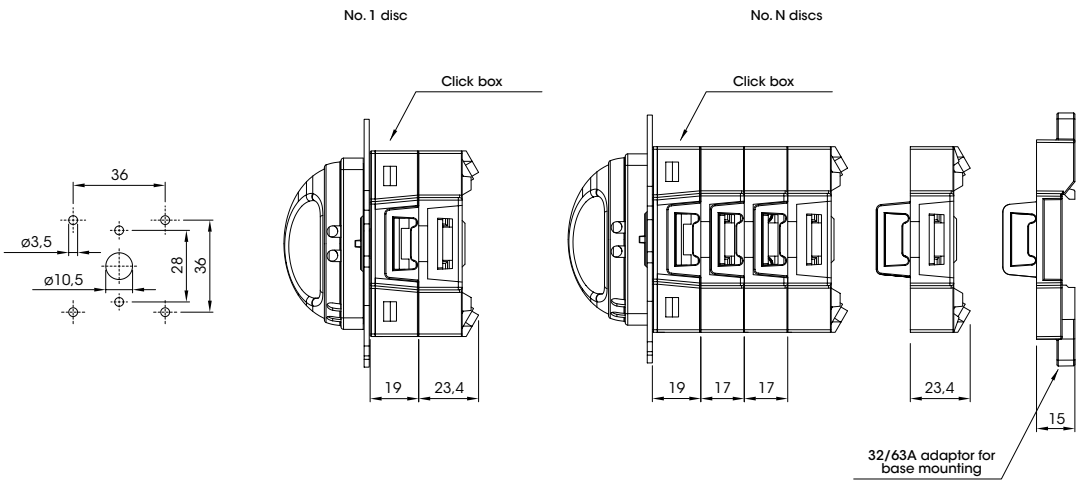
12/25A rotary devices for back panel mounting



12/25A rotary devices for back panel mounting - 22 mm hole



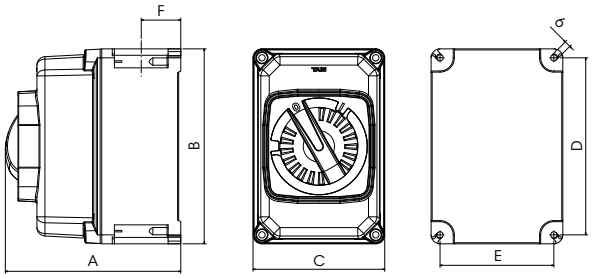
32/63A rotary devices for back panel mounting and base mounting



CONTROL AND PROTECTION

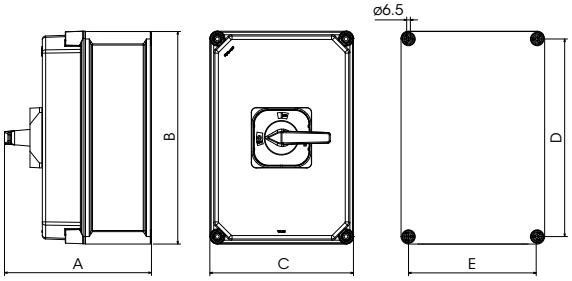
CAM-TAIS in thermosetting GRP for wall-mounting

16A - 63A



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
292101 - 292102 - 292103 292202 - 292203 - 292232 - 292233	130	125	92	110	78	25
292302 - 292303 - 292412 - 292413	167	185	125	169	109	37.5

100A - 630A

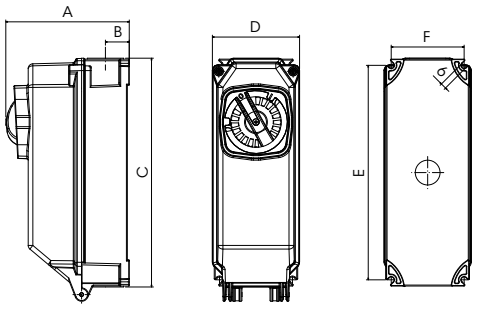


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
292512 - 292503 - 292542 - 292543	206	250	185	224	169
292552 - 292553 - 292621 292623 - 292632 - 292633	256	370	250	344	224
292703 - 292733	256	500	370	474	344

CAM-TAIS in thermosetting GRP for wall-mounting

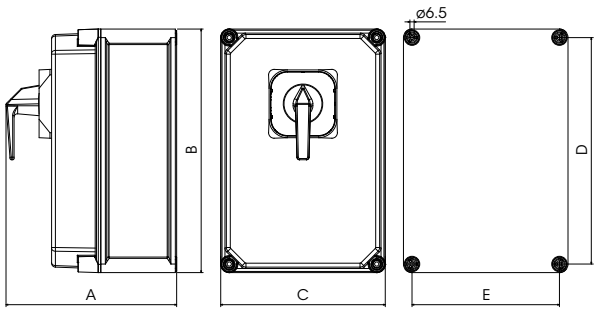
Isolator switches with fuse holder base

16A - 63A



Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
16-25-32	130	25	240	92	226	78
40-63	176	37.5	335	125	319	109

100A-250A

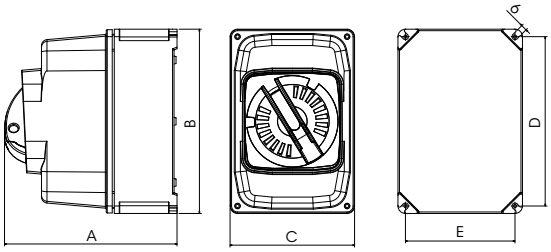


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
293053 - 293123	206	370	250	344	224
293163	256	370	250	344	224
293063 - 293263	256	500	370	474	344

CONTROL AND PROTECTION

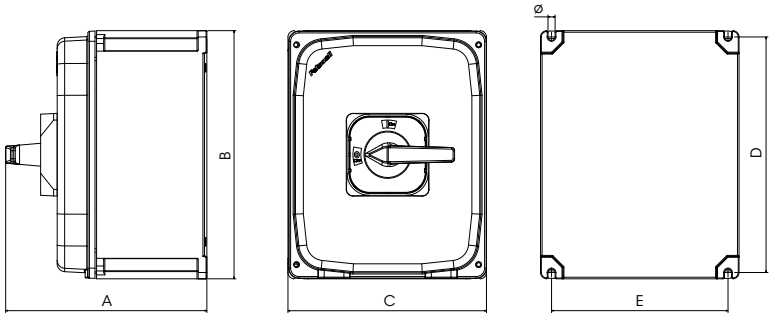
CAM-ALUPRES in aluminium alloy for wall-mounting

16A - 63A



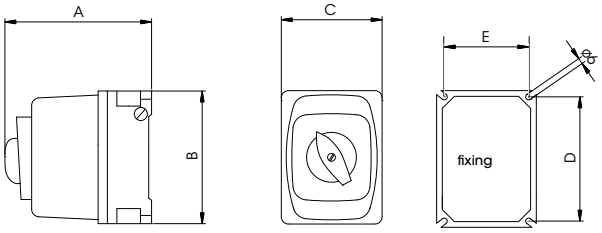
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
272141 - 272142 - 272143 272242 - 272243 - 272232 - 272233	138	125	92	110	77
272144 - 272244	123	125	92	110	77
272302 - 272303 - 282402 282403 - 282404	173	185	125	170	110
272304	160	185	125	170	110

100A - 200A - 630A



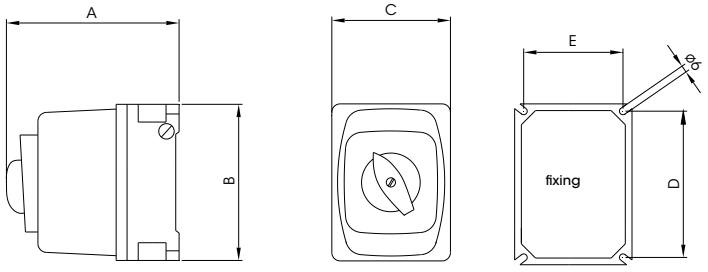
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	ø (mm)
272502 - 272503	215	252	185	237	170	7
272542 - 272543 272552 - 272553	256	315	252	300	224	9
282602 - 282603 272632 - 272633	256	507	252	491	224	9
282703	256	507	373	485	330	12
282803	256	630	373	608	330	12

Two-way switch, reversing switches



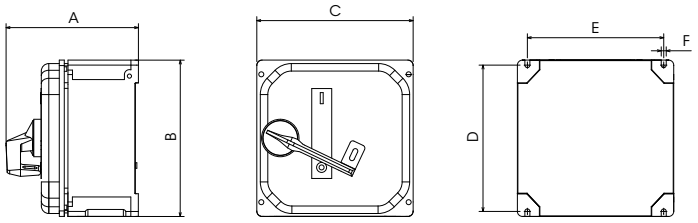
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
272148 - 272178	87	92	92	77	77
272152 - 272252 272155 - 272255	135	125	92	110	77
272312 - 282412	150	185	125	170	110

16A-63A selector switches



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
272146 - 272246	120	125	92	110	77
272147 - 272247	135	125	92	110	77
272306	150	185	125	170	110
272307 - 272406	170	185	125	170	110

63A-200A selector switches

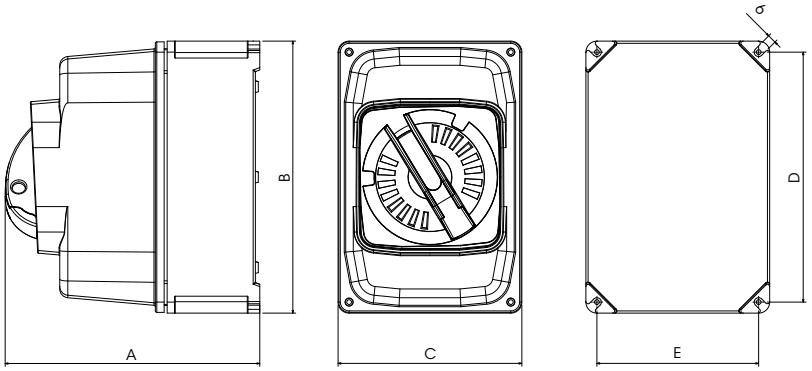


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
282407 - 282413	195	252	185	237	170	7
272507	270	315	315	299	286	9
282607	270	373	373	351	330	12

CONTROL AND PROTECTION

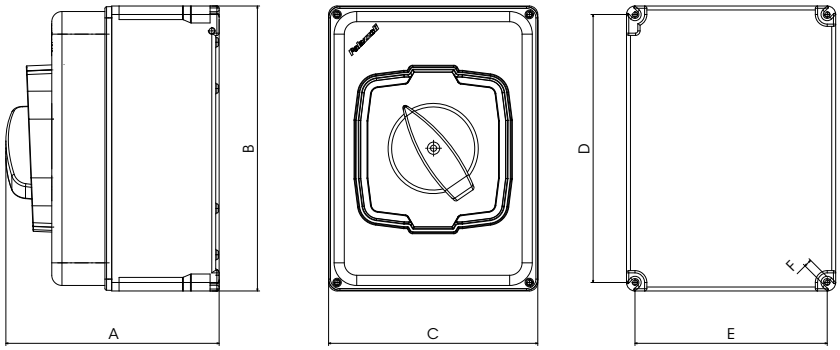
CAM-FIRE

16A - 25A - 40A



Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
16	138	125	92	110	77
25-40	173	185	125	170	110

63A - 125A - 160A - 200A

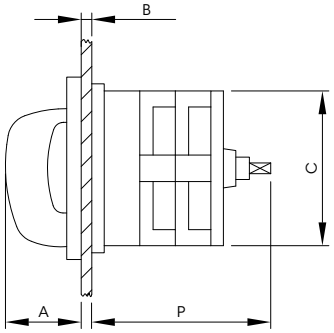


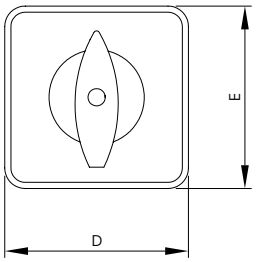
Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
63	230	252	185	237	170	7
125 - 200	240	315	220	300	224	9

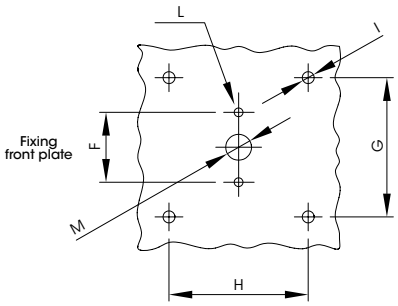
CONTROL AND PROTECTION

CAM

16A/200A rotary switches with handle



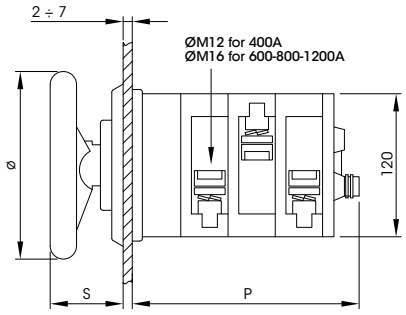


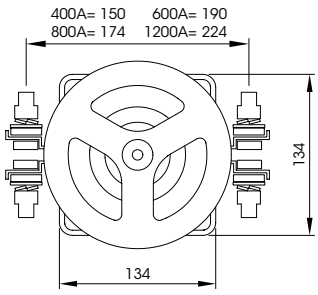


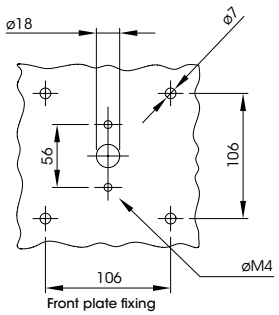
Rated current (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
16-25	30	1,5-4	52	64	64	25	46	46	5	M3	10
40-63	37	1,5-7	87	94	94	32	70	70	6	M3	13
100-200	59	2-7	120	134	134	56	106	106	7	M4	18

P* the dimension refers to the depth indicated in the corresponding catalogue tables.

400A/1200A rotary devices with handle







Rated current (A)	Ø (mm)	S (mm)
400-600-800	156	61
1200	200	67

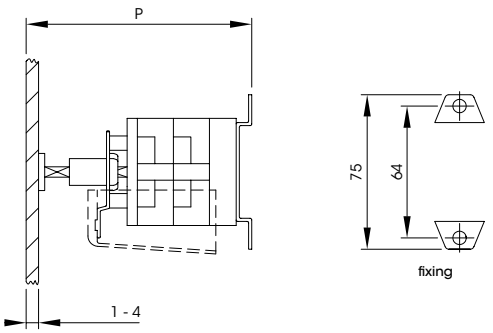
P* the dimension refers to the depth indicated in the corresponding catalogue tables.

CONTROL AND PROTECTION

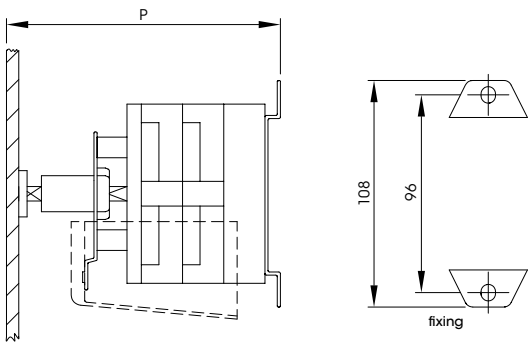
CAM

Rotary devices for base mounting

16A - 25A



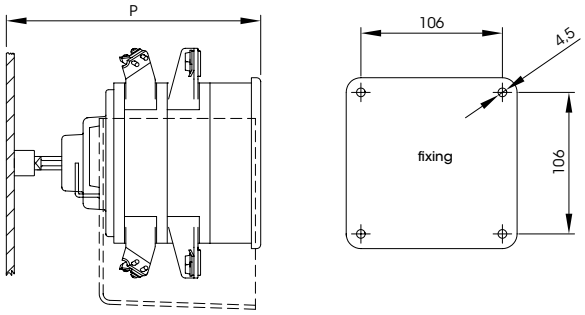
40A - 63A



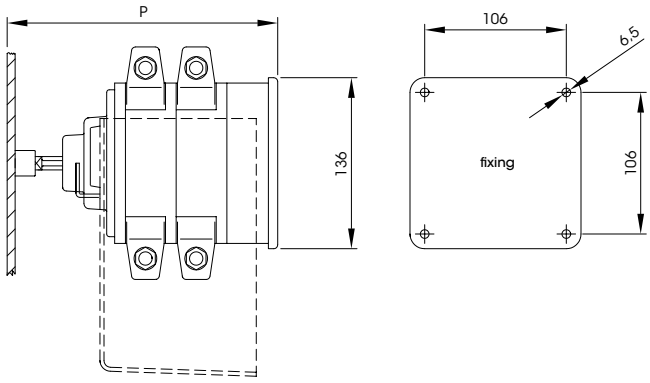
P* the dimension refers to the depth indicated in the corresponding catalogue tables.

Rotary devices for base mounting

100A



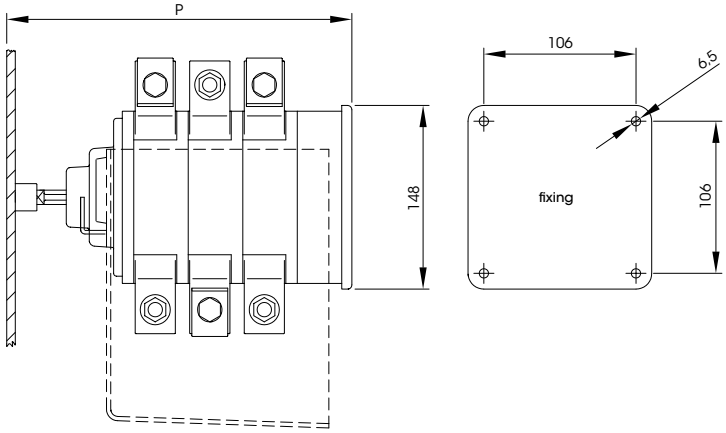
200A



P* the dimension refers to the depth indicated in the corresponding catalogue tables.

Rotary devices for base mounting

400A

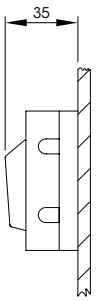


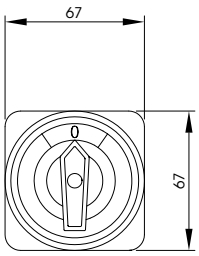
P* the dimension refers to the depth indicated in the corresponding catalogue tables.

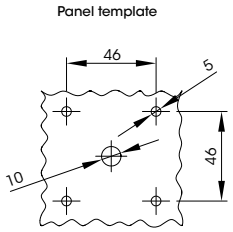
CONTROL AND PROTECTION

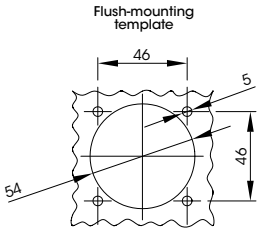
CAM

Handles for panel- and flush-mounting - 16A/25A



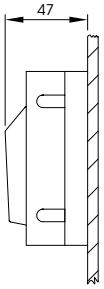


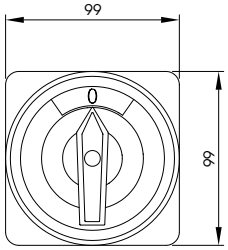


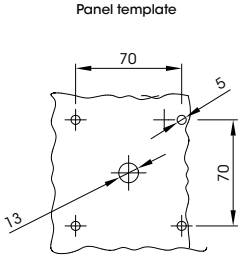


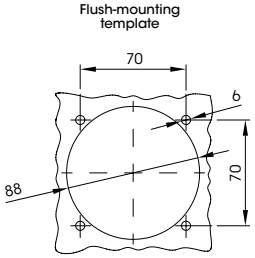
Handle code
292105
292125

Handles for panel- and flush-mounting - 40A/63A



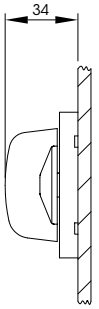


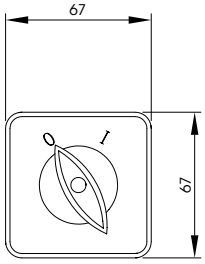


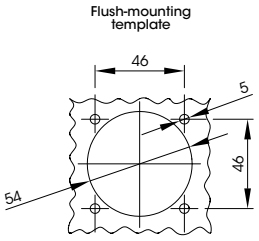


Handle code
292305
292325

Handles for flush-mounting - 16A/25A

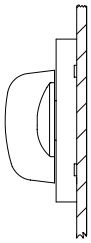


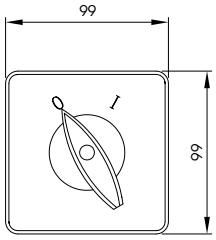


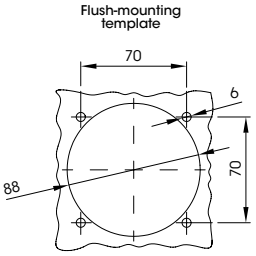


Handle code
292116
292136
292146
292156

Handles for flush-mounting - 40A/63A





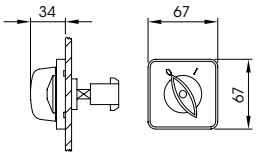


Handle code
292316
292336
292356

CONTROL AND PROTECTION

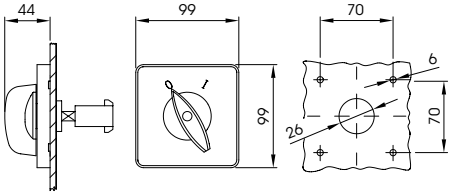
CAM

Handles with doorlock and front plate
16A/25A



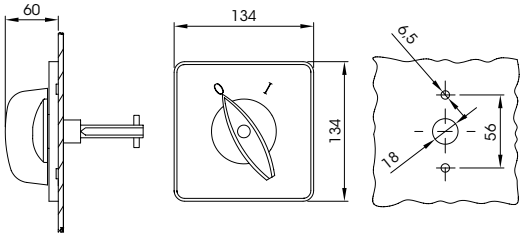
Handle code
295117
295137

40A/63A



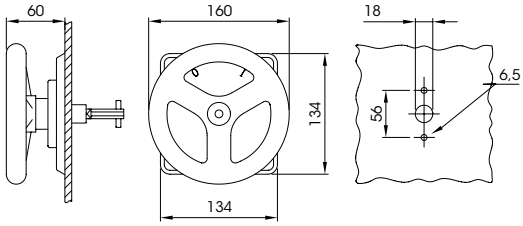
Handle code
295157
295177

100A/200A



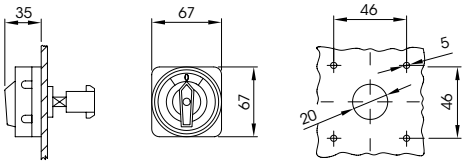
Handle code
270528
270538
270628
270638

400A



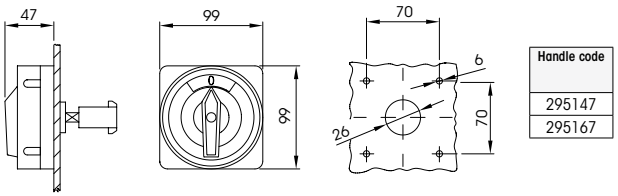
Handle code
270728

16A/25A



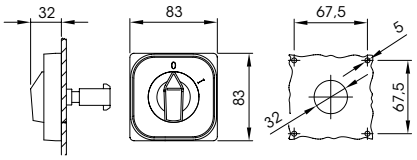
Handle code
295107
295127

40A/63A



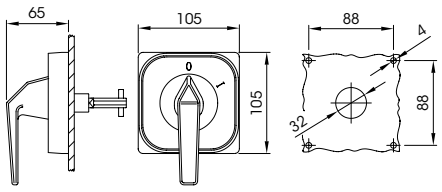
Handle code
295147
295167

16A/25A



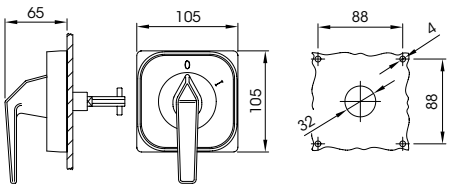
Handle code
295108
295118
295128
295138

40A/63A



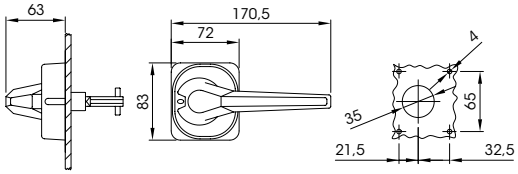
Handle code
295308
295318
295328
295338

100A/200A



Handle code
292508
292518
292528
292538

400A

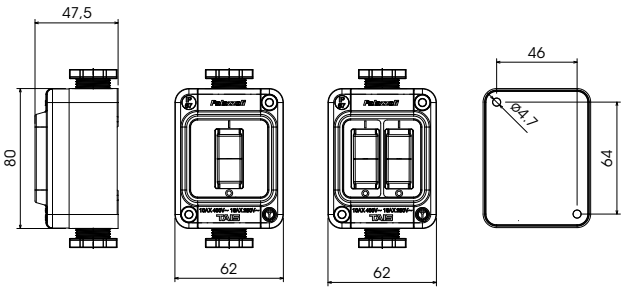


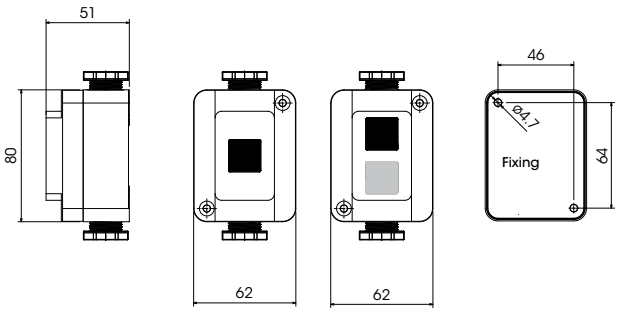
Handle code
292708
292728

CONTROL AND PROTECTION

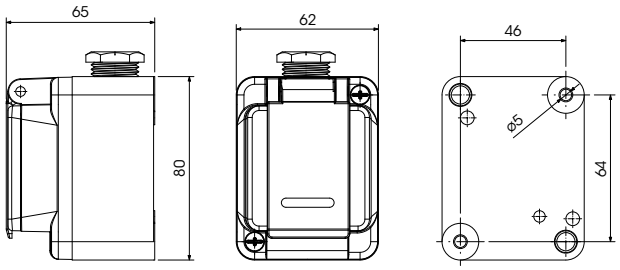
TAIS MIGNON

Switches and push-buttons

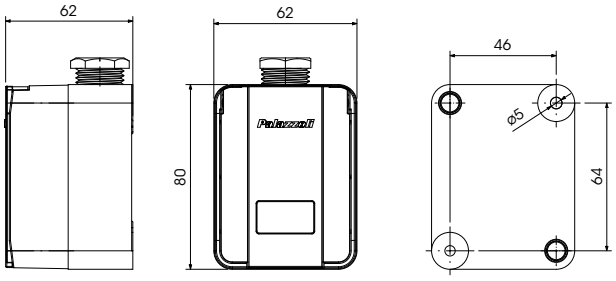




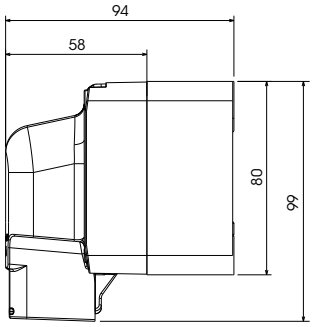
Schuko domestic socket



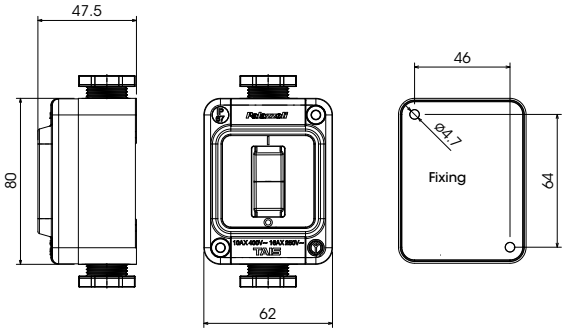
Box for domoTER devices



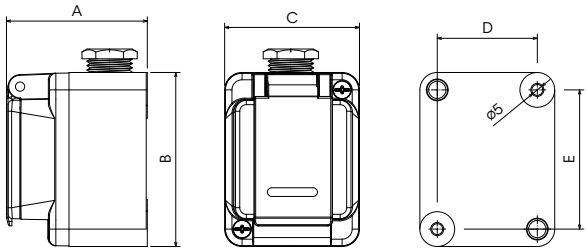
Box with watertight cap



TAISMIGNON-EX switches and two-way switches

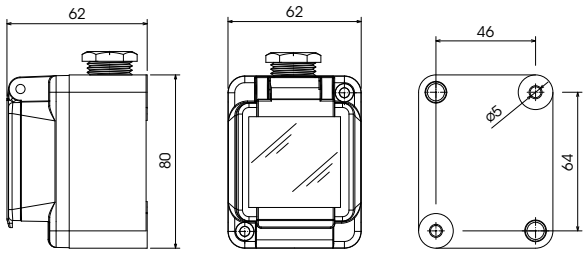


Industrial socket-outlets



Rated current (A)	No. of poles	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
16	2P+⏚	75	80	62	46	64
	3P+⏚	75	80	62	46	64
	3P+N+⏚	82	102	77	61	86
	2P/3P	75	80	62	46	64

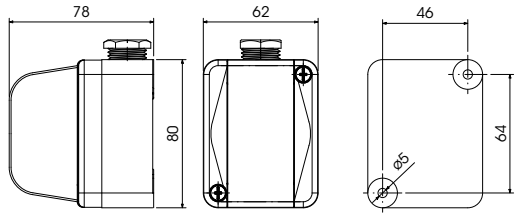
Boxes for Ticino Magic devices



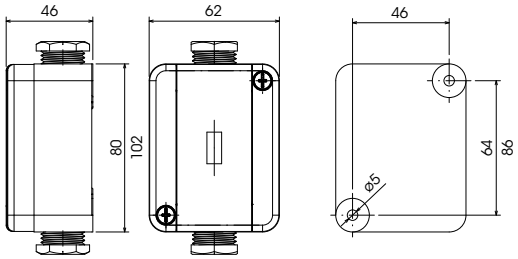
CONTROL AND PROTECTION

TAIS MIGNON

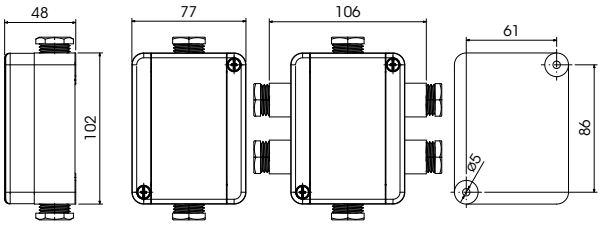
Signalling lamps



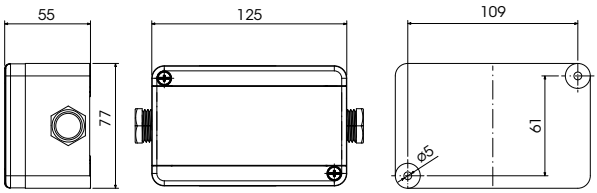
Fuse holder



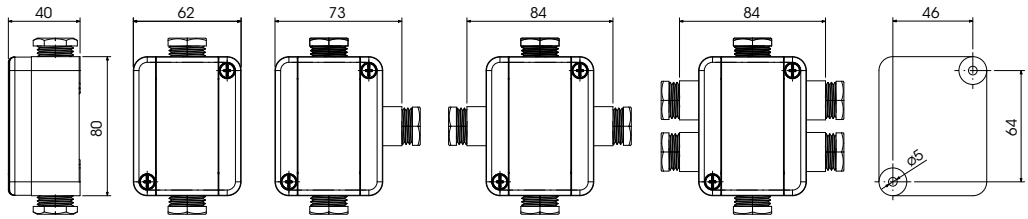
Junction boxes



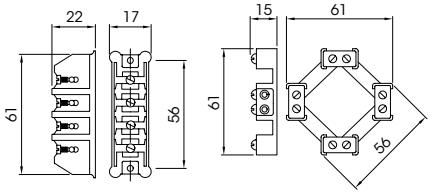
Modular box



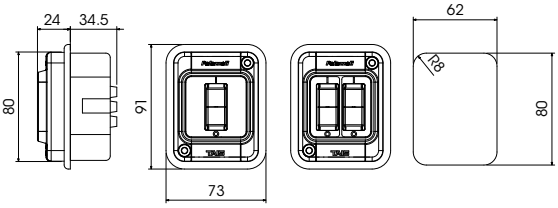
Junction boxes with terminals



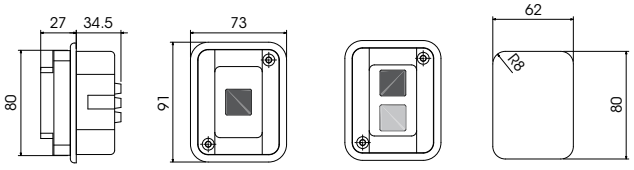
Terminal blocks



Flush-mounted switches



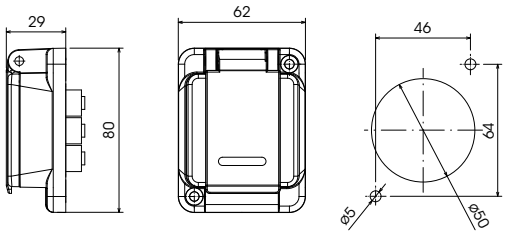
Flush-mounted push-buttons



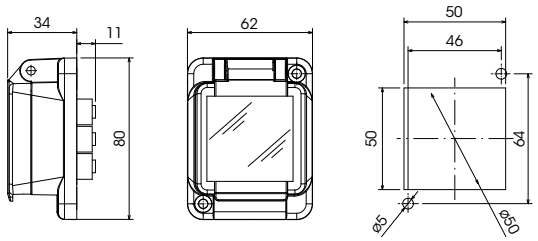
CONTROL AND PROTECTION

TAIS MIGNON

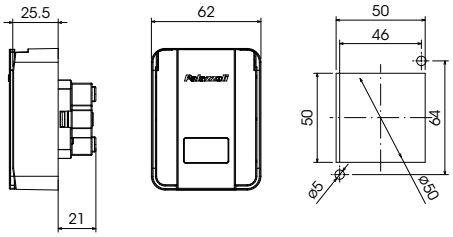
Flush-mounted shuko domestic sockets



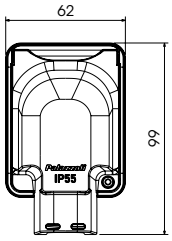
Flush-mounted boxes for Ticino Magic devices



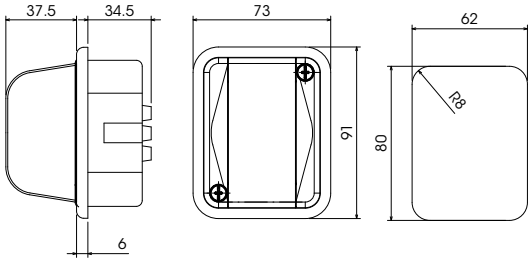
Flush-mounted boxes for Domoter devices



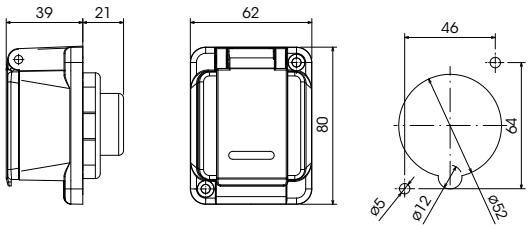
Flush-mounted box with watertight cap



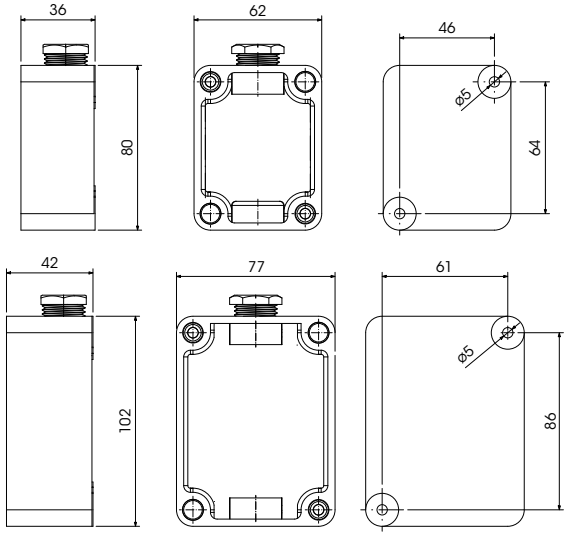
Flush-mounted signalling lamps



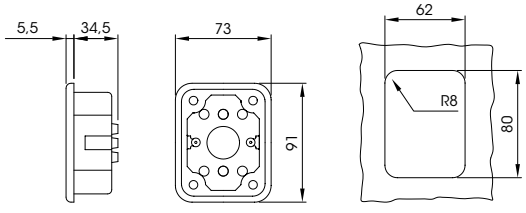
Flush-mounted industrial socket-outlets



Wall-mounted box



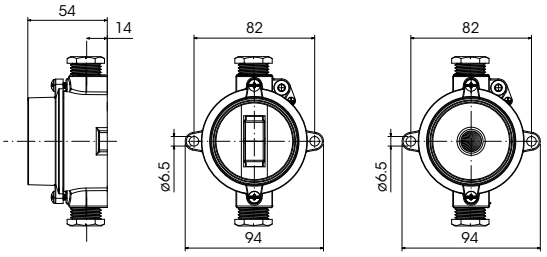
Flush-mounted box



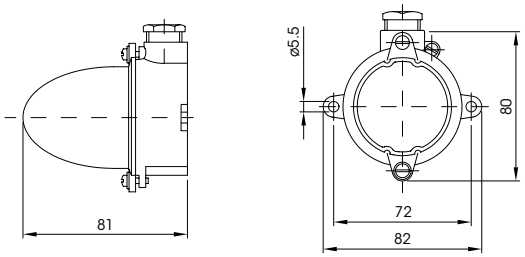
CONTROL AND PROTECTION

RONDÒ

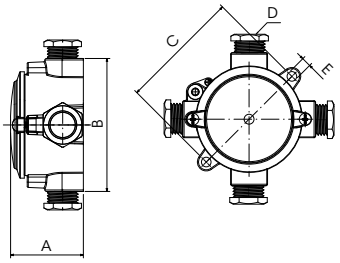
Switches and push-buttons



Signalling lamps

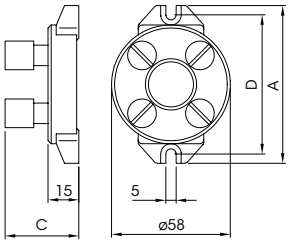


Boxes



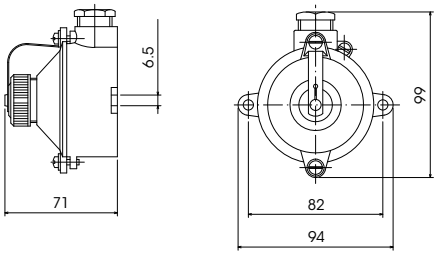
inner Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
62	45	140	82	M20x1.5	6.5
82	57	180	106	M25x1.5	7

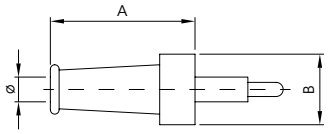
Terminal blocks



Palazzoli code	A (mm)	B (mm)	Ø (mm)
112094	57	31	49
113094	77	35	68
113194	77	42	68

Concentric plugs and sockets

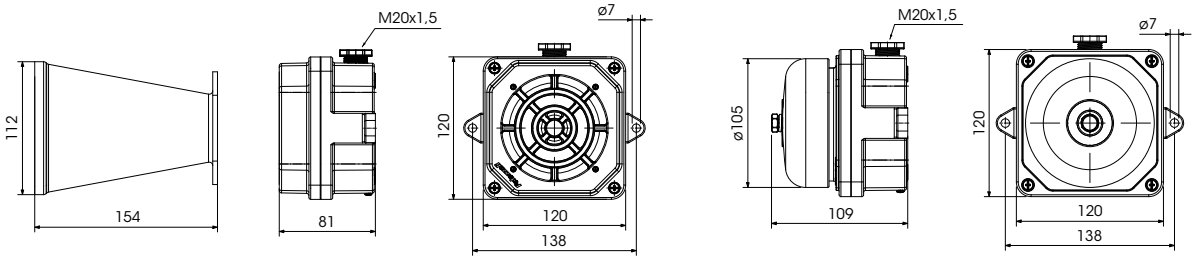




Palazzoli code	A (mm)	B (mm)	Ø (mm)
407030	75	33	10
407031	84	39	14

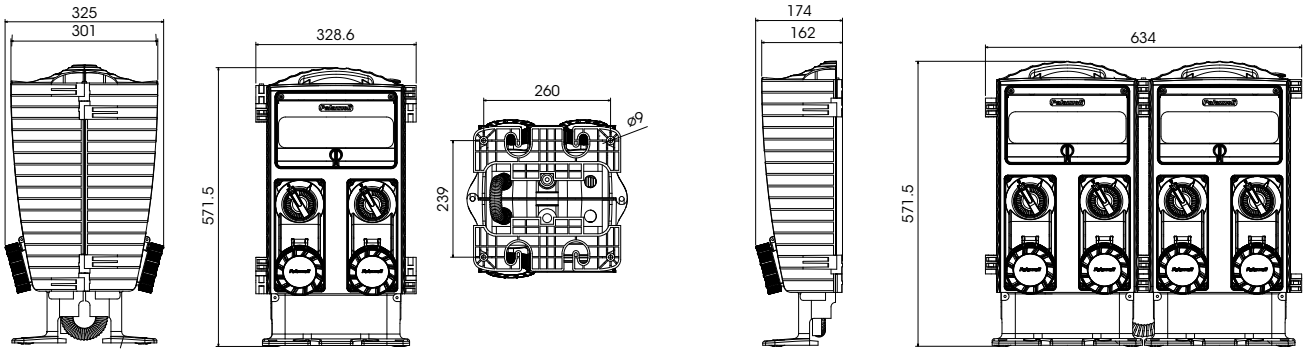
ALARM

Sirens and bells



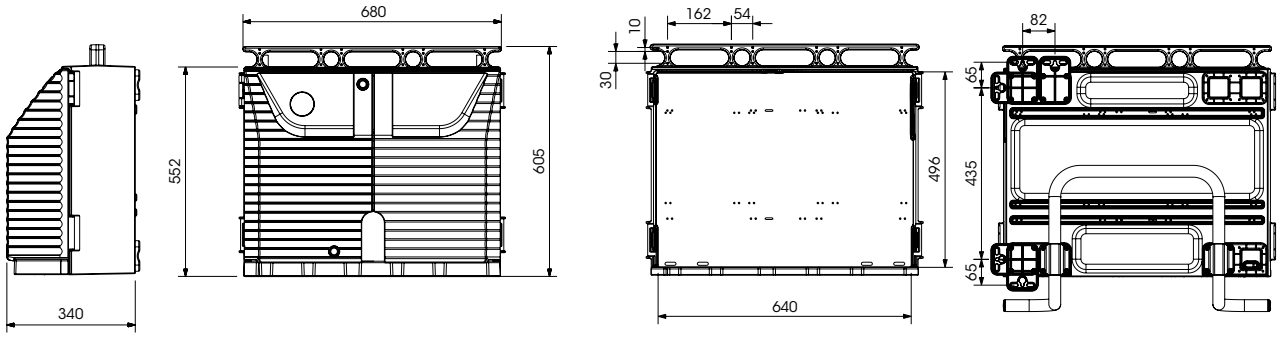
PRE-WIRED DISTRIBUTION BOARDS

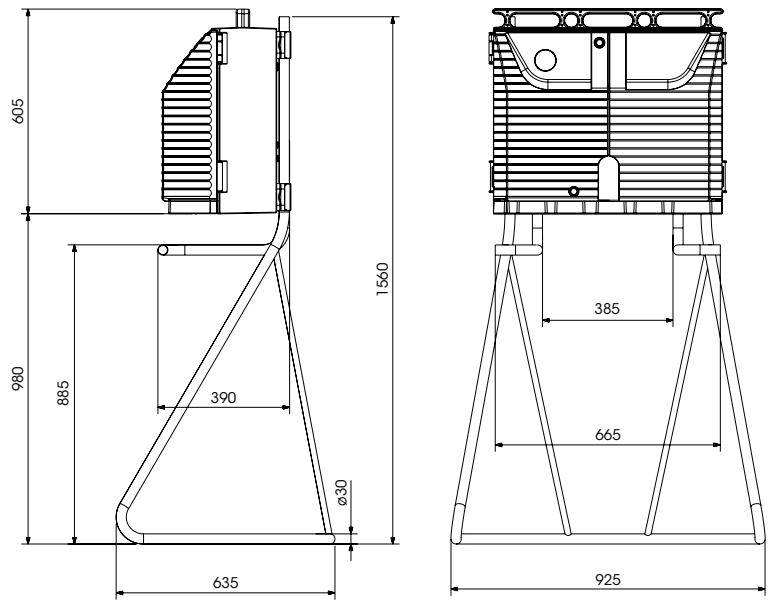
JANUS



ENERGY BOX

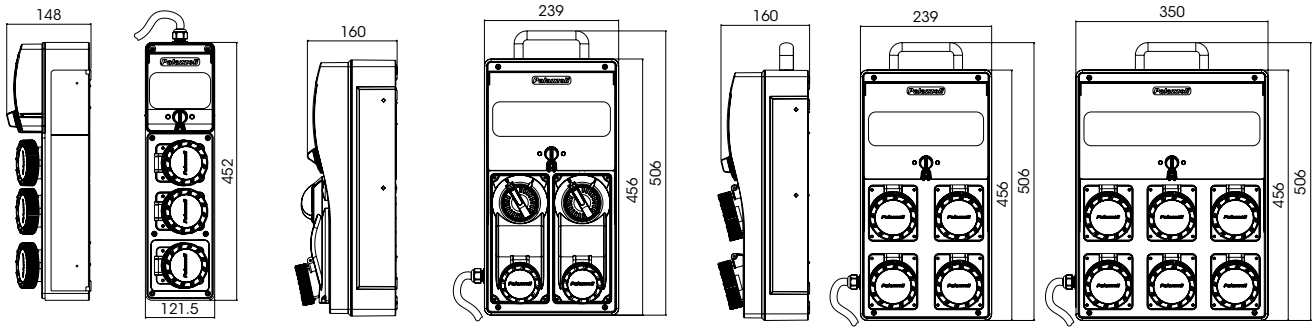
Distribution boards in insulating box





PRE-WIRED DISTRIBUTION BOARDS

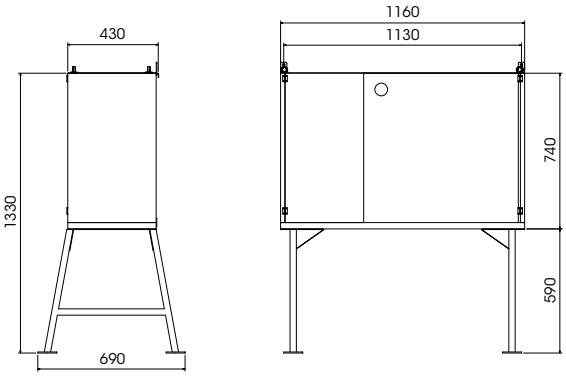
ENERGY GO



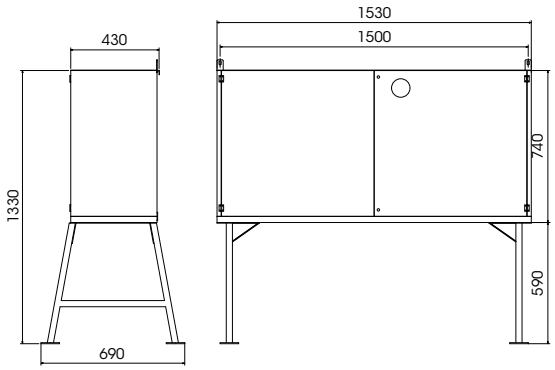
ENERGY METALBOX

Distribution boards in metal cabinet

Dimensions 1160x740x430 up to 6 sockets

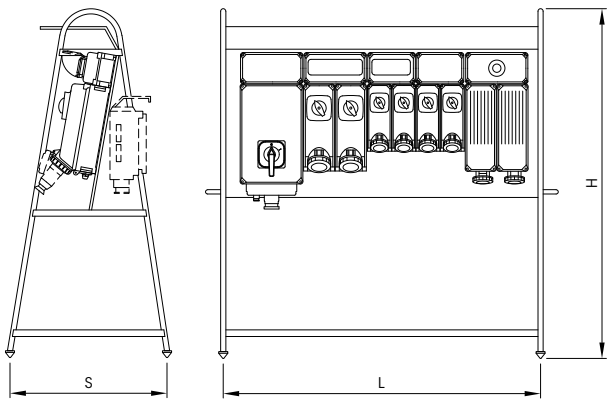


Dimensions 1530x740x430



ENERGY TAIS

Distribution boards on stainless steel stand

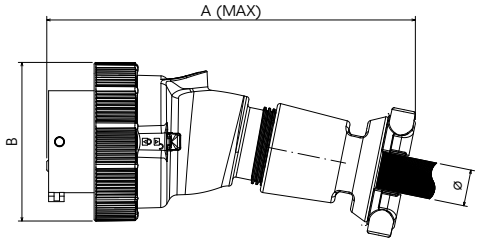


Type
With MCB - 5 sockets
With MCB - 6 sockets
With MCB - 7 to 9 sockets
With fuses - 5 sockets
With fuses - 6 to 10 sockets
With fuses - 11 sockets

L (mm)	H (mm)	S (mm)
1118	1335	565
1313	1335	565
1853	1685	748
803	1335	565
1313	1335	565
1853	1685	748

ATEX

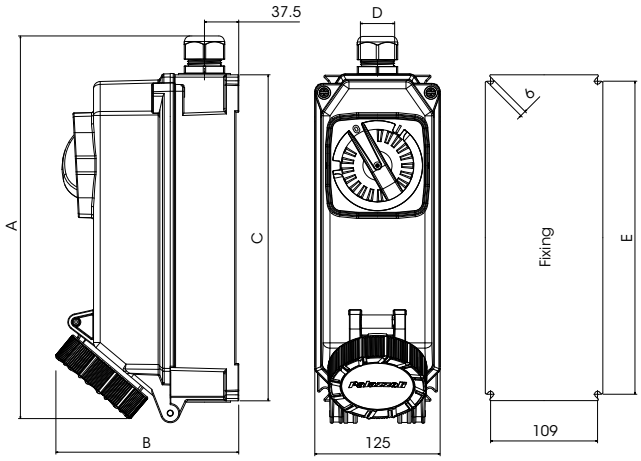
XCEE-EX



Rated current (A)	No. of poles	A (mm)	B (mm)	Ø (mm)
16	2P+⏚	180	72	6.3-18
	3P+⏚	187	80	
	3P+N+⏚	200	87	9 - 23
32	2P+⏚	215	93	
	3P+⏚			
	3P+N+⏚	225	100	13-27
63	2P+⏚	270	112	14 - 36
	3P+⏚			
	3P+N+⏚			

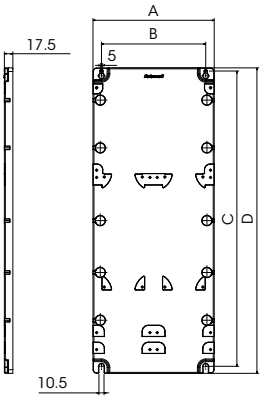
TAIS-EX

Socket-outlets

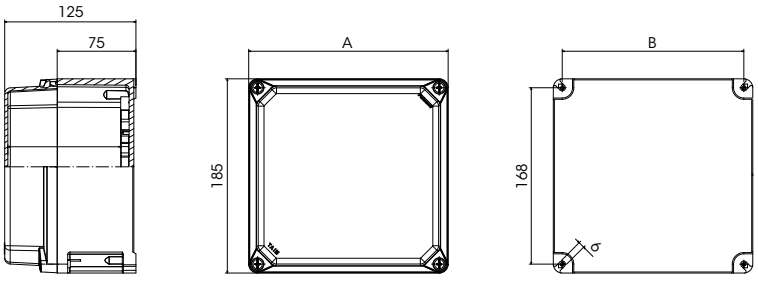


Rated current (A)	Poles	entry cable Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
16	2P+⏚	12-18	380	159	335	M32	319
	3P+⏚			164			
	3P+N+⏚			175			
32	2P+⏚	16-25	380	177	335	M32	319
	3P+⏚						
	3P+N+⏚			185			
50 / 63	2P+⏚	16-25	423	423	370	M40	354
	3P+⏚						
	3P+N+⏚						

Mounting plates



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
538800	125	90	609	630
538802	250	215	609	630
538804	380	345	609	630

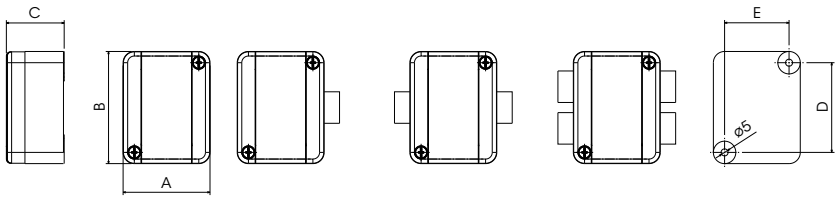


Palazzoli code	A (mm)	B (mm)
532281EX - 532286EX	125	108
532282EX	250	233
532283EX	380	363

ATEX

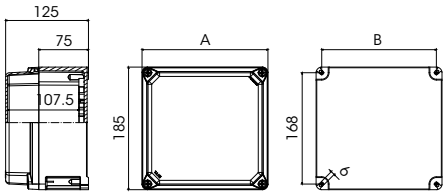
TAISBOX-EXU E TAISBOX-EX

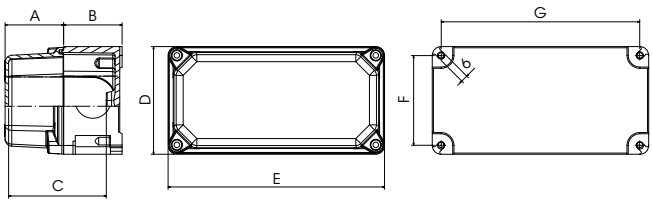
Compact enclosures



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
102025EX -102035EX - 102045EX	62	80	38	64	46
102156EX - 102157EX	77	102	48	86	61

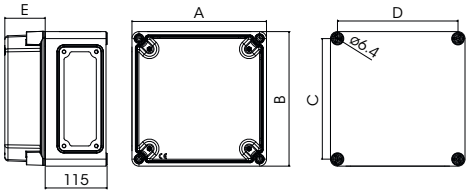
Enclosures





Palazzoli code	A (mm)	B (mm)
532200EX - 532240EX	125	108
532201EX	190	173
532202EX - 532242EX	250	233
532203EX	290	273
532204EX - 532244EX	380	363

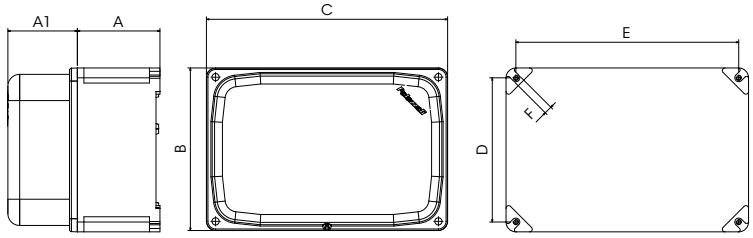
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
532035EX	18	50	51	92	92	78	78
532045EX	18	50	51	92	125	78	111
532055EX	18	50	51	92	185	78	171
532116EX - 102335EX - 102345EX - 102365EX	25	75	75	125	125	111	111
532117EX -102443EX - 102463EX - 102445EX - 102485EX	25	75	75	125	185	111	171
532118EX	25	75	75	125	250	111	238
532005EX - 102232EX - 102242EX	50	50	83	92	92	78	78
532006EX	50	50	83	92	125	78	111
532015EX	50	50	83	92	185	78	171
532016EX	50	75	100	125	125	111	111
532017EX	50	75	100	125	185	111	171
532018EX	50	75	100	125	250	111	238



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
531011EX	185	185	159	159	25
531021EX	250	185	224	159	75
531040EX	250	250	224	224	75
531042EX	250	370	344	224	75
531062EX	370	500	474	344	75

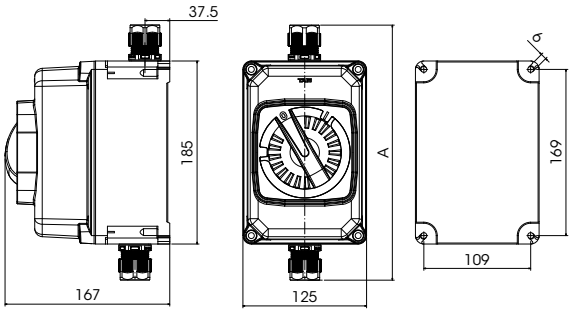
ATEX

UNIBOX-EXU in aluminium



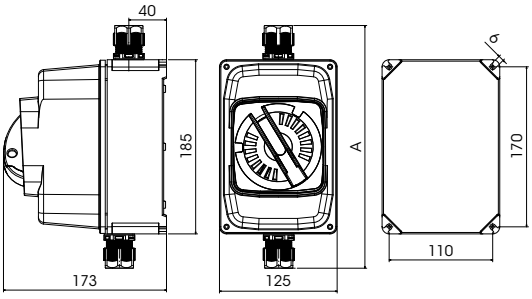
Palazzoli code	A (mm)	A1 (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
511910EX	42	35	92	92	78	78	6
511913EX	63	50	125	125	111	111	6
511220EX	63	50	125	185	111	171	6
150021EX	63	10	155	155	141	141	6
511920EX	95	50	185	185	171	171	6
521310EX	95	13	220	220	192	205	6
511921EX	95	50	185	252	169	236	6
511410EX	140	57	252	252	224	237	6
521420EX	105	18	295	295	266	280	9
511420EX	140	53	252	315	224	300	6
511510EX	140	53	315	315	286	300	9
511610EX	140	80	373	373	330	353	12

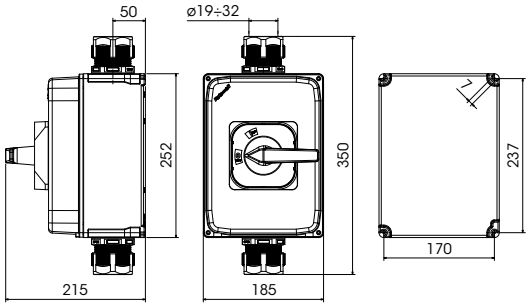
CAMTAIS-EX in thermosetting GRP



Rated current (A)	entry cable Ø (mm)	A (mm)
16-25	9 - 18	257
32 - 63	12.5 - 25	267

CAMALUPRES-EX in aluminium alloy



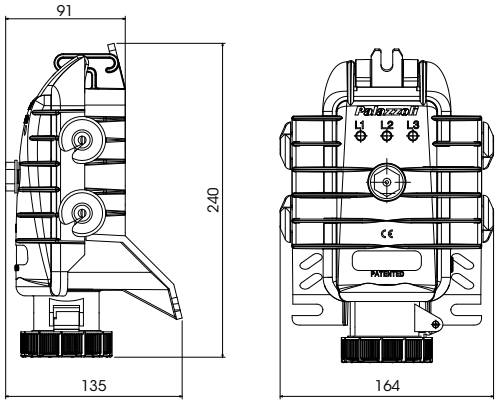


Rated current (A)	entry cable Ø (mm)	A (mm)
16-25	9 - 18	257
32 - 63	12.5 - 25	267

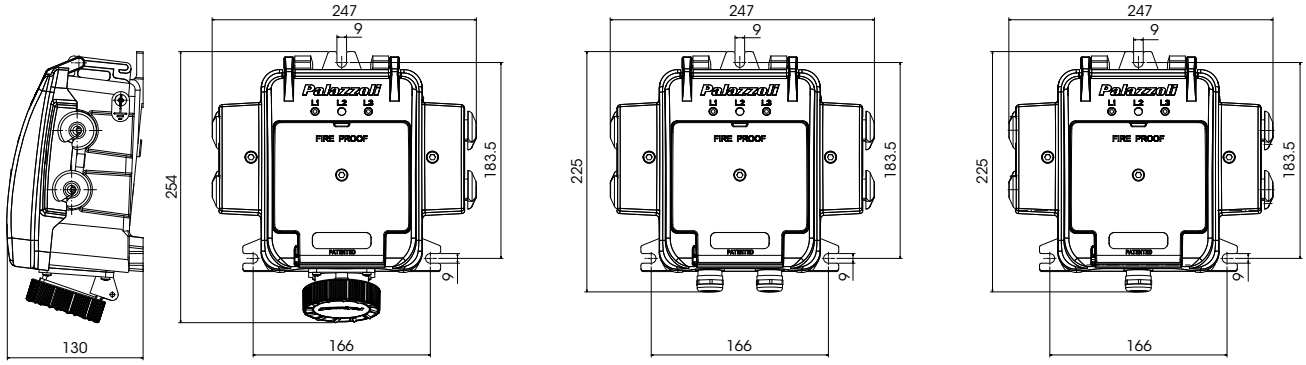
ATEX

FASTBOX-T54

Insulation-piercing boxes for ordinary circuits



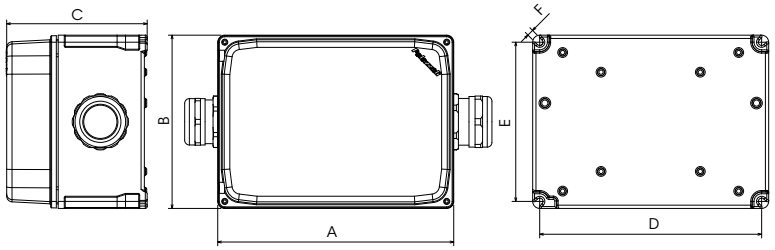
Insulation-piercing boxes for emergency circuits



INFRASTRUCTURES

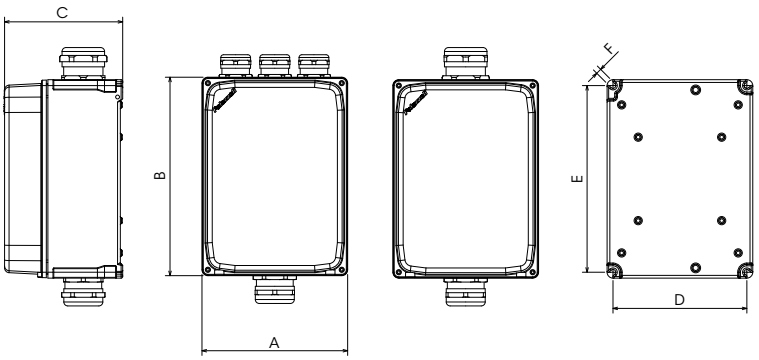
ALUCASE-T54

Line junction boxes



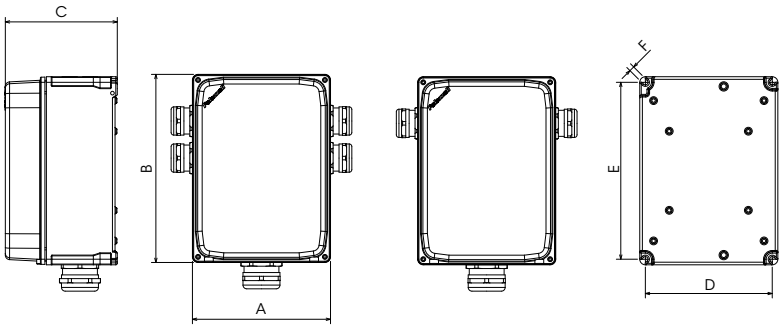
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
151553	185	185	105	171	171	6
151564 - 151575 151585 - 151641 151642 - 151652 151664	252	185	152	236	169	6
151675 - 151685	315	252	193	300	224	6

Adaptors



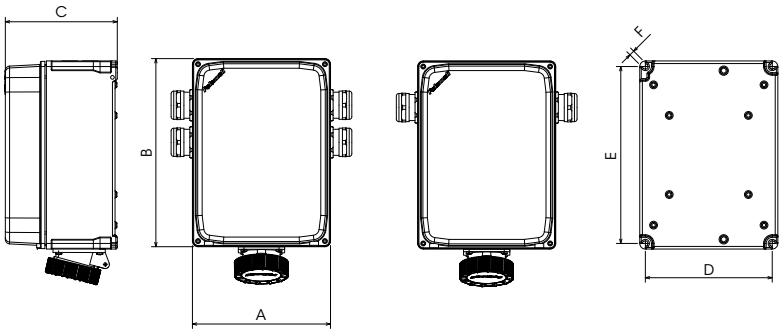
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
151531 - 151532 151533	185	252	152	169	236	6
151534	252	315	193	224	300	6
151535	315	315	193	286	300	9

Boxes with terminal box and cable gland



Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
151011 - 151022	185	185	105	171	171	6
151034 - 151241 151242 - 151252 151264	185	252	152	169	236	6
151045 - 151275 151285	252	315	193	224	300	6

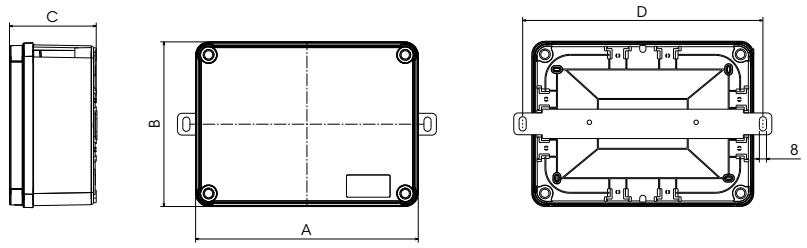
Boxes with terminal box and socket-outlet



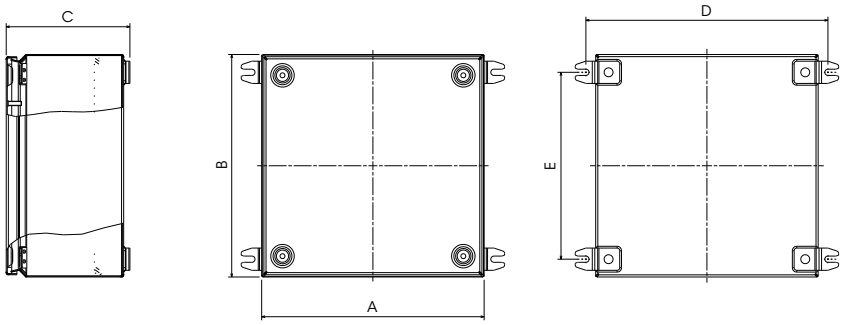
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
151311 - 151322	185	185	105	171	171	6
151334 - 154441 151442 - 151452 151464	185	252	152	169	236	6
151345 - 151475 151485	252	315	193	224	300	6

INFRASTRUCTURES

FIREBOX-T54



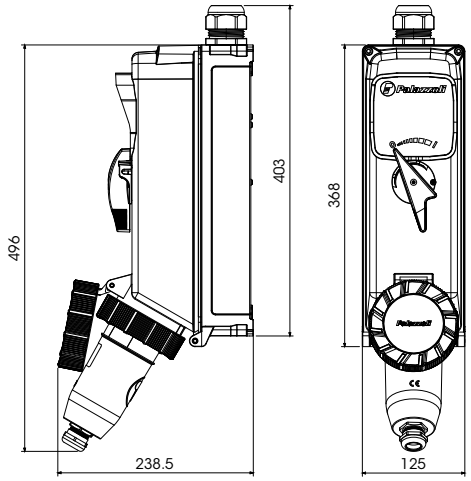
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)
151735 - 151755	160	120	80	170
151731 - 151751 151835 - 151855	200	150	80	220
151733 - 151753 151831 - 151851	250	185	100	270



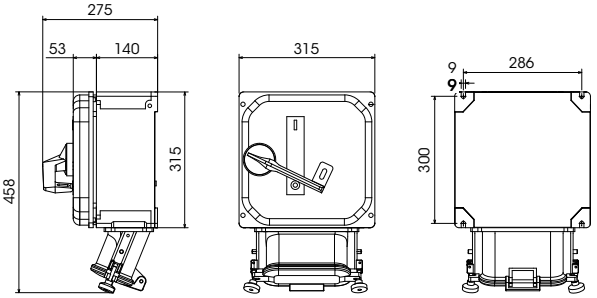
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
151355	150	150	100	172	110
151351 - 151353	250	250	140	272	210

ALUPRES-T54

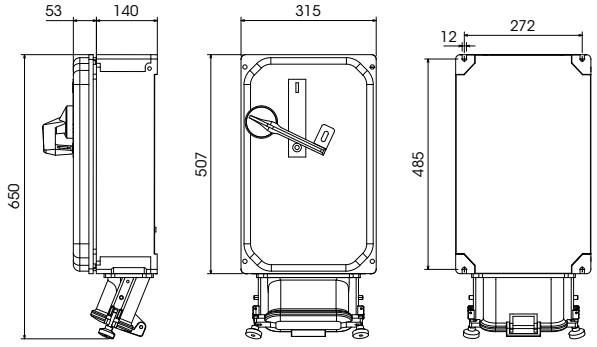
Sockets for fans
63A



63A



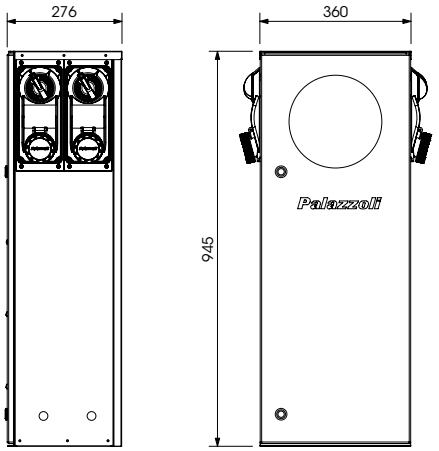
125A



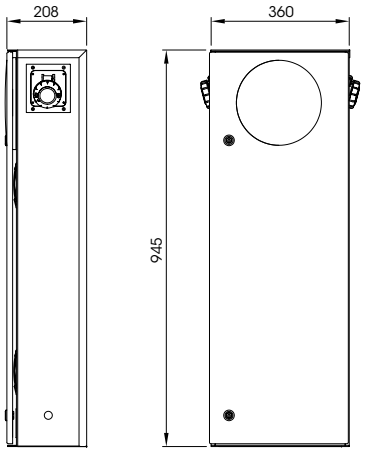
MARINE

B-SMART

Standard distribution turrets

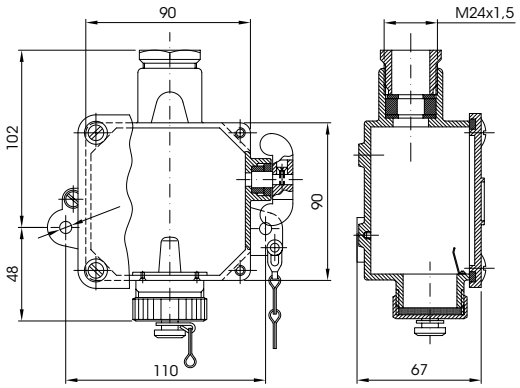


Compact distribution turrets

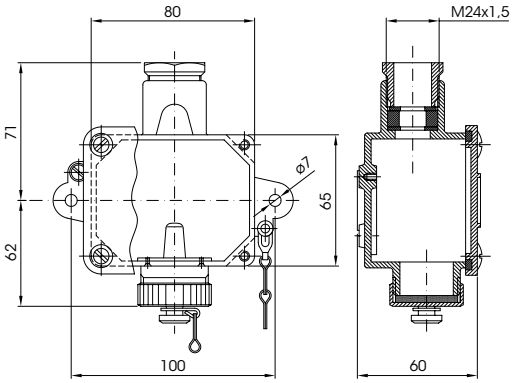


UNAV

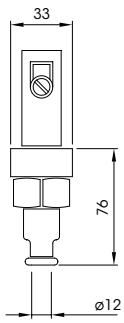
Interlocked socket-outlet
UNAV 1436



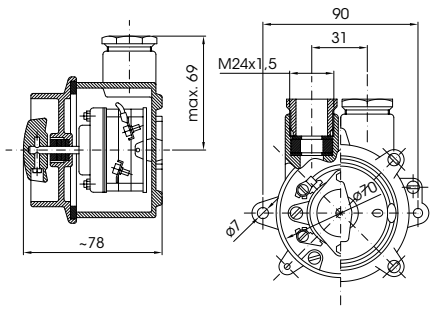
Socket
UNAV 1435



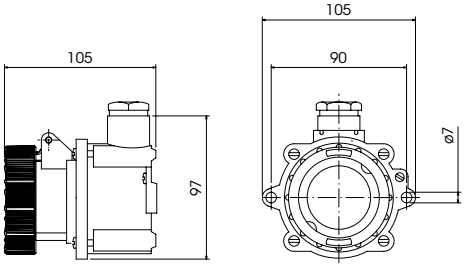
Plug
UNAV 1437



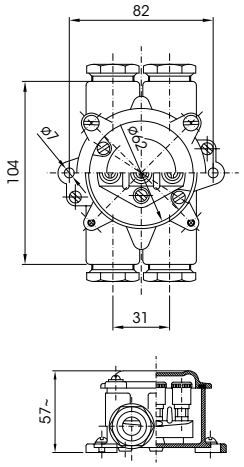
Switches and two-way switches
in brass UNAV 2162



Industrial socket-outlets
UNAV 2166

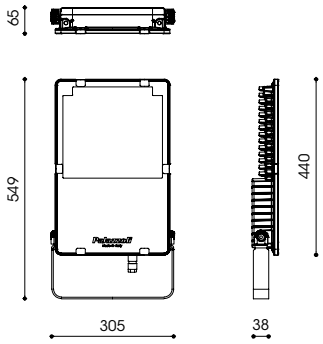


Industrial socket-outlets
UNAV 2161

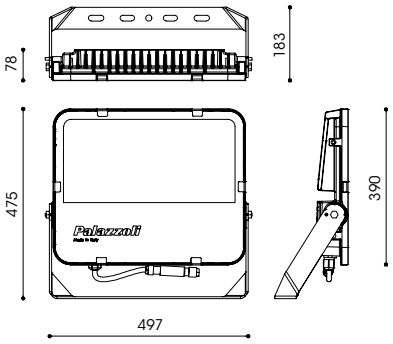


FLOODLIGHTS

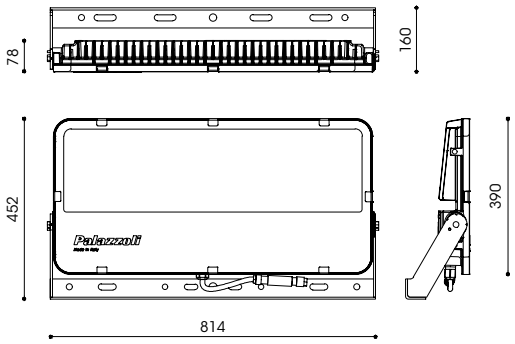
TIGUA AND TIGUA-EX



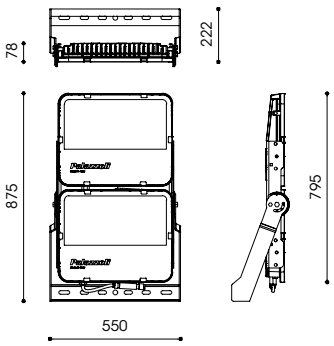
XTIGUA AND XTIGUA-EX size M



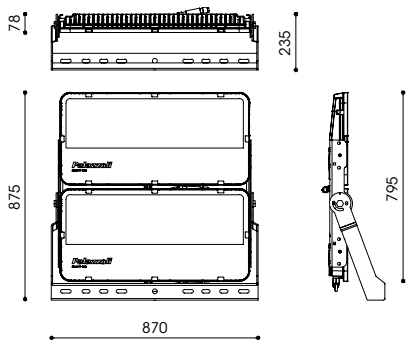
XTIGUA size L



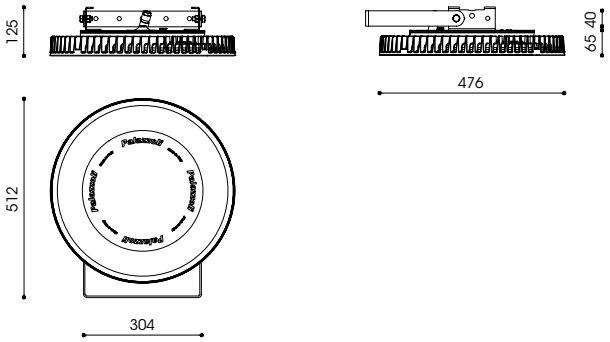
XTIGUA size XL



XTIGUA size XXL

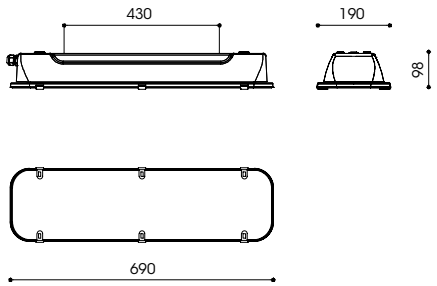


META

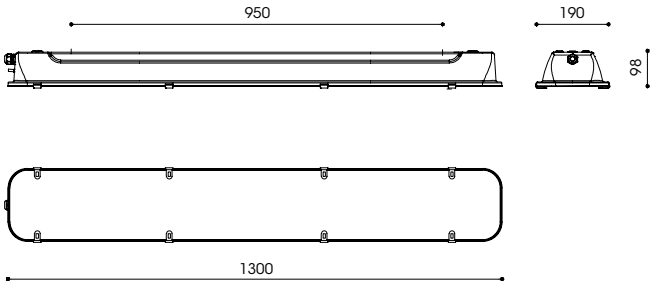


LIGHT FIXTURES PENDANTS CONTROL

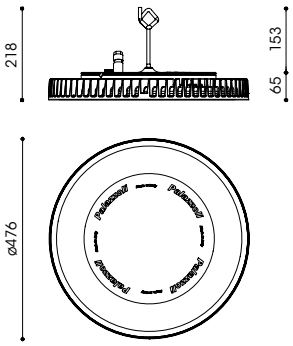
RINO LED AND RINO LED-EX 690 mm



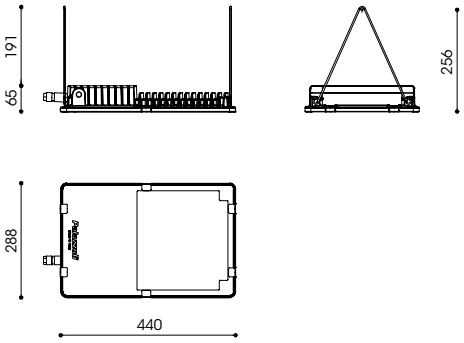
RINO LED AND RINO LED-EX 1300 mm



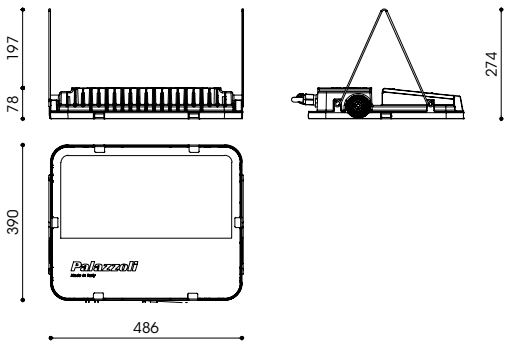
META AND META-EX



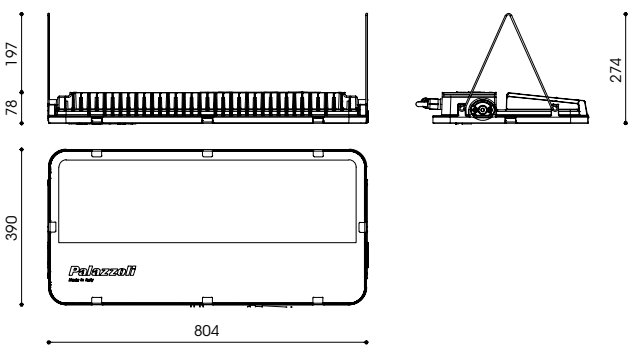
TIGUA AND TIGUA-EX



XTIGUA AND XTIGUA-EX size M

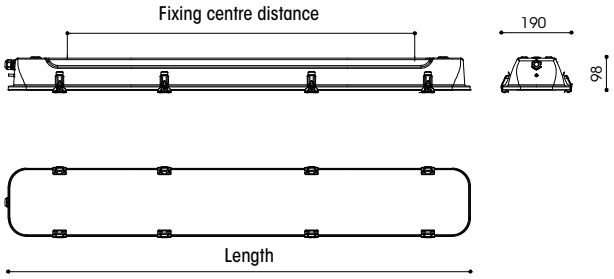


XTIGUA size L



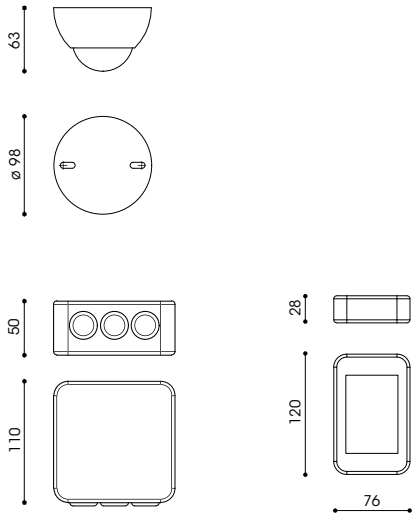
LIGHT FIXTURES PENDANTS CONTROL

RINO AND RINO-EX FLUORESCENT

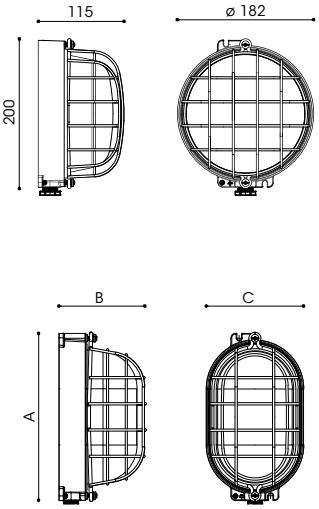


Light fixture width (mm)	Fixing centre distance (mm)
690	480
1300	1090

IMPERIUM

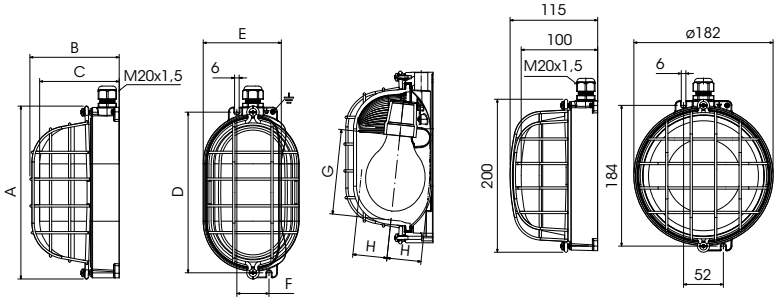


RINO AND RINO-EX FLUORESCENT



Max. power (W)	A (mm)	B (mm)	C (mm)
60	199	119	112
75	226	122	130
100	295	142	170

RINO-EX E27 - G23

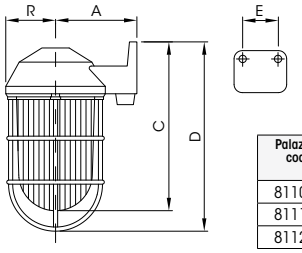


Type of oval light fixture (W)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
18	199	119	100	184	112	42
28	226	122	105	210	130	42
53	295	142	127	278	170	52

LIGHT FIXTURES PENDANTS CONTROL

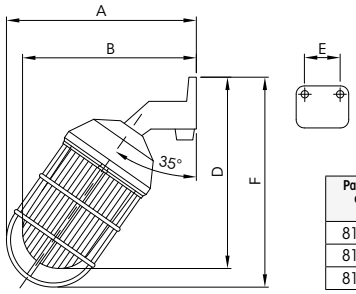
WELL GLASS FIXTURES

90° well glass fixtures in aluminium alloy



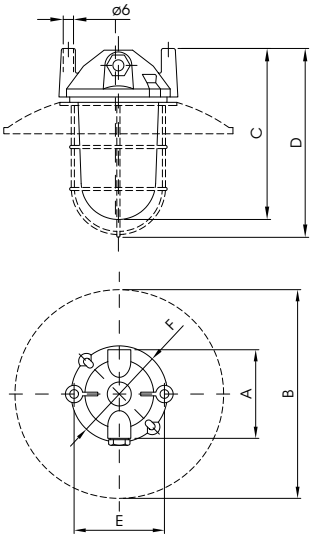
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
811071	86	57	175	195	35
811171	105	71	192	207	43
811271	125	89	231	251	49

Angled well glass fixtures in aluminium alloy



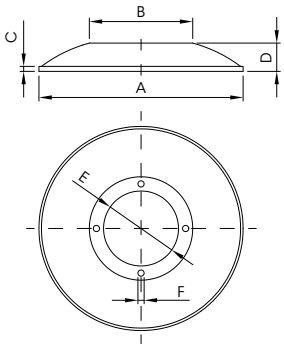
Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
813071	225	209	163	177	35
813171	246	230	183	197	43
813271	284	263	214	233	49

Well glass fixtures in aluminium alloy for ceiling mounting



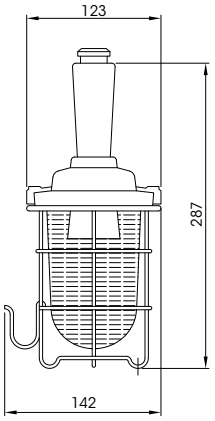
Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
60W	106	245	180	200	108	113
100W	134	200	200	220	135	140
200W	170	245	245	265	172	177

Reflectors for well glass fixtures

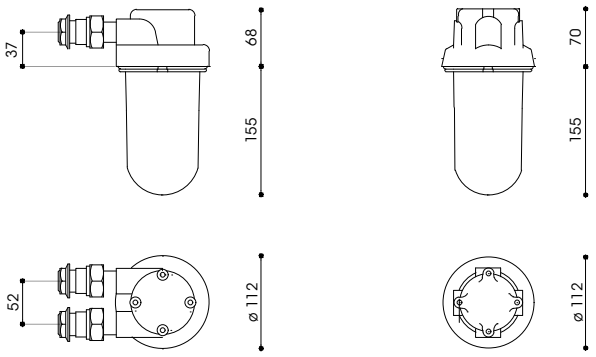


Palazzoli code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
819030	245	124	6	34	90	7.5
819130	275	155	7	42	116	8
819230	325	196	7	42	150	8

Portable well glass fixture UNAV 2137

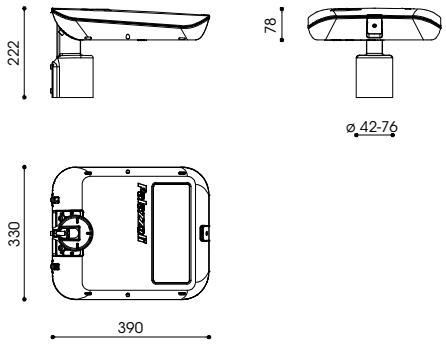


NAVE - WELL GLASS FIXTURE

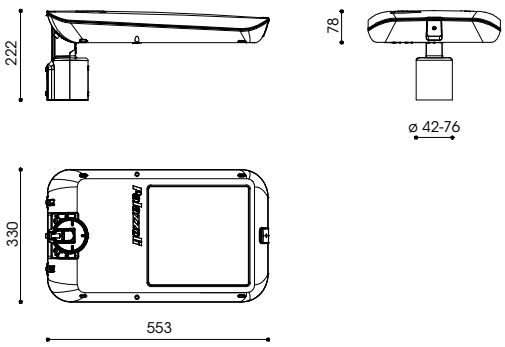


PUBLIC - TUNNEL - MARINE

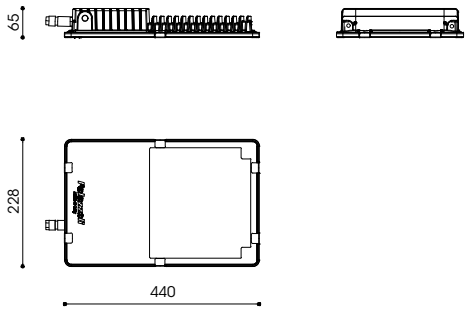
FIT 55 size S



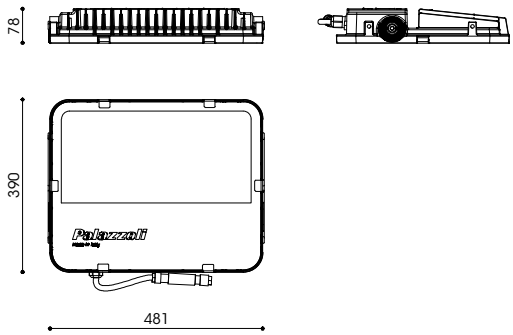
FIT 55 size M



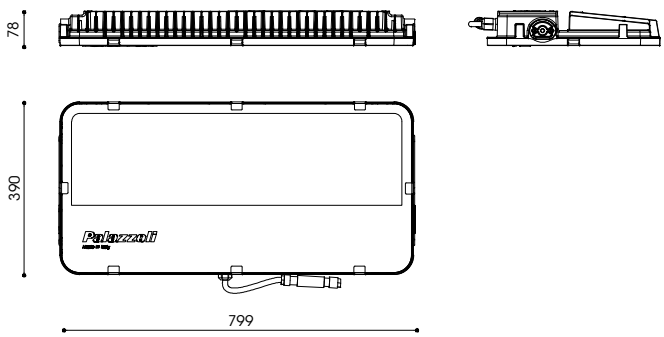
TIGUA-T54 size S



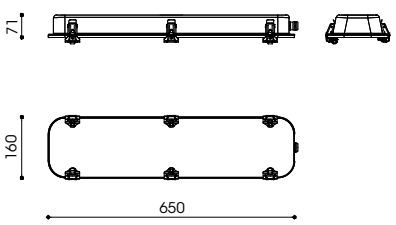
XTIGUA-T54 size M



XTIGUA-T54 size L

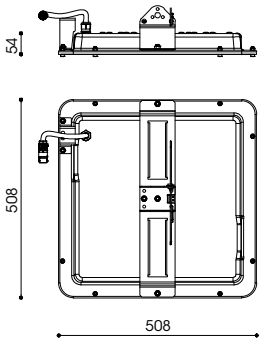


RINO-T54 size S

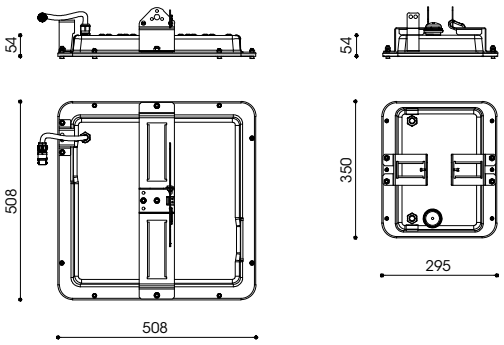


PUBLIC - TUNNEL - MARINE

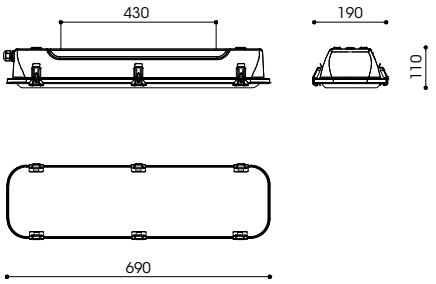
RINO-T54 size M



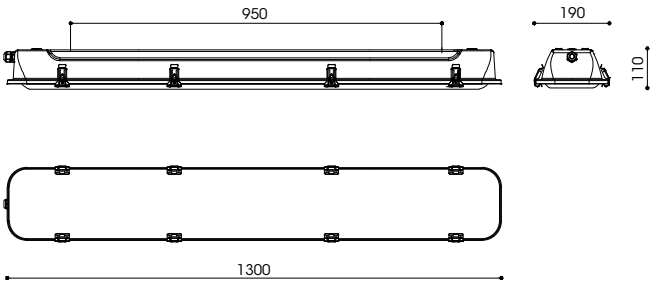
XRINO-T54 size L



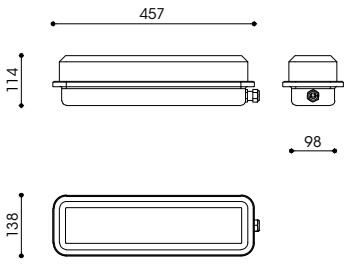
RINO-NAVE 690 mm



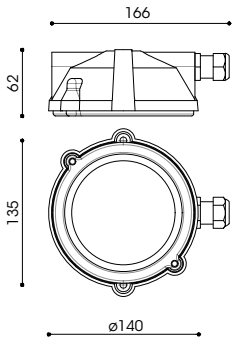
RINO-NAVE 1300 mm



RINO-NAVE LED 460 mm



RINO-NAVE LED WELL GLASS FIXTURE



Palazzoli code	Marks	Pack Qty	Catalogue page
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101022	1-4-8	10	203
101025	4-8-1	12	204
101031	1-8-4	10	203
101035	8-4-1	10	204
101041	1-8-4	12	203
101045	1-4-8	12	204
101061	1-4-8	12	203
101081	8-1-4	12	204
101092	8-4-1	10	207
101095	4-1	10	204
101096	1-4	20	204
101121	4-8-1	8	203
101151	1-4-8	10	203
101156	4-1-8	10	204
101157	4-8-1	10	204
101161	1-8-4	1	203
101191	4-8-1	1	207
101221	8-1-4	10	207
102025EX		1	249
102035EX		1	249
102045EX		1	249
102156EX		1	249
102157EX		1	249
102232EX		1	249
102242EX		1	249
102335EX		1	249
102342EX		1	249
102345EX		1	249
102365EX		1	249
102443EX		1	249
102445EX		1	249
102463EX		1	249
102485EX		1	249
112020	4-1	1	209
112030	1-4	10	209
112040	1-4	1	209
112094	4-1	30	209
113020	1-4	1	209
113030	1-4	10	209
113040	1-4	1	209
113094	1-4	20	209
115628		1	292
150021EX	6-10-8	1	252
151011	4-1	1	270
151022	1-4	1	270
151034	1-4	1	270
151045	1-4	1	270
151241	4-1	1	271
151242	1-4	1	271
151252	1-4	1	271
151264	1-4	1	271
151275	1-4	1	271
151285	1-4	1	271
151301		1	169
151304		1	169
151311	1-4-2	1	270
151322	4-1-2	1	270
151334	1-4-2	1	270
151345	4-2-1	1	270
151351		1	273
151353		1	273
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151441	4-2-1	1	271
151442	1-4-2	1	271
151452	4-1-2	1	271
151464	1-4-2	1	271
151475	2-1-4	1	271
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151534	2-4-1	1	277
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151542		1	277
151543		1	277
151544		1	277
151553	4-1-2	1	278
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151891	1-4	1	278
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152140	1-4	1	189
152160	1-4	1	189
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152240	4-1	1	189
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152630	1-4	1	189
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152640	1-4	1	189
152641	1-4	1	189
157001	4-2-1	1	269
157011	2-4-1	1	269
157012	2-1-4	1	269
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157051		20	269
157060		100	269
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157111	4-1-2	1	269
157112	2-4-1	1	269
158001	2-4-1	1	269
158011	1-4-2	1	269
158012	4-1-2	1	269
158101	4-1-2	1	269
158111	1-2-4	1	269
158112	1-2-4	1	269
158201	1-4	1	269
158211	1-4	1	269
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159035	4-1	1	174
159036	4-1	1	174
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159042	1-4	5	133-174
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159045	4-1	1	174
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201156	1-2-4	1	208
201162	2-1-4	1	208
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202266	3-4-2-8-1	1	200
202271	4-1-3-2-8	10	200
202271EX	10-8-1	1	261
202275	1-2-3-4-8	1	200
202275EX	1-10-8	1	261
202276	1-4-3-2-8	10	200
202276EX	1-10-8	1	261
202282	4-2-1-8-3	10	200
202282EX	10-8-1	1	261
202283	3-8-4-2-2-1	10	200
202291	4-1-2-8-3	1	205
202292	4-1-2-3-8	1	205
202293	8-2-1-4-3-2	1	205
202295	8-4-2-3-1	1	205
202296	8-3-2-4-1	1	205
202299	1-8-4	1	206

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC 6=ECEX 7=DEKRA DEKRA 8=RETIE 9=KEMA 10=EX 11=SII-Israel 12=EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
208103	4-1-8	1	178
208104	1-8-4	1	178
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208163	2-8-2-4-1	1	178
208164	2-8-4-2-1	1	178
208253	1-2-4-2-8	1	178
208254	8-2-2-1-4	1	178
208322	1-4-2-8-2	1	178
208323	1-2-8-2-4	1	178
208324	2-4-1-2-8	1	178
208403	1-8-4	1	178
208404	1-4-8	1	178
208633	8-1-4	1	178
208634	4-1-8	1	178
209103	1-4	1	178
209104	4-1	1	178
209162	2-4-2-1	1	178
209163	4-2-2-1	1	178
209164	2-2-4-1	1	178
209253	2-2-1-4	1	178
209254	2-4-2-1	1	178
209322	2-1-4-2	1	178
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209324	2-1-2-4	1	178
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209633	1-4	1	178
209634	4-1	1	178
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210122	3-4-2-2-1	1	181
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210125	3-4-1-2-2	1	181
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214164	4-1-3-2-2	1	181
214203	3-4-1-2-2	1	181
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219203	2-4-1-3-2	1	182
219253	2-3-2-1-4	1	182
220323	4-1-3	1	182
220403	3-4-1	1	182
220633	4-1-3	1	182
221123	1-2-3-2-4	1	182
221163	2-4-2-3-1	1	182
221203	4-2-1-2-3	1	182
221253	1-4-2-3-2	1	182
222123	1-4-2-2-3	1	182
222163	2-3-4-2-1	1	182
222203	3-2-1-4-2	1	182
222253	1-3-2-2-4	1	182
223323	3-4-1	1	182
223403	3-4-1	1	182
223633	4-1-3	1	182
232627		1	293
232628		1	293
232637		1	293
236121	3-1-2-2-4	1	181
236122	4-3-2-2-1	1	181
236123	2-4-2-1-3	1	181
236161	1-2-3-2-4	1	181
236162	2-4-2-1-3	1	181
236163	1-2-3-2-4	1	181
236201	1-2-3-4-2	1	181
236202	4-2-3-2-1	1	181
236203	2-3-4-2-1	1	181
236251	1-4-2-2-3	1	181
236252	2-2-3-4-1	1	181
236253	2-1-3-2-4	1	181
237121	4-1-3-2	1	181
237122	4-1-2-3-2	1	181
237123	1-2-2-4-3	1	181
237161	4-1-2-3-2	1	181
237162	4-1-2-2-3	1	181
237163	2-3-1-4-2	1	181
237201	4-2-1-2-3	1	181
237202	1-4-3-2	1	181
237203	2-2-4-3-1	1	181
237251	2-2-1-3-4	1	181
237252	3-4-2-2-1	1	181
237253	2-1-3-4-2	1	181
239611		5	433
239612		5	433
239613		5	433
261021	1-2-4	1	209
261403	3-2-1-4-2	1	201
261413	2-2-1-3-4	1	201
261432	1-4	1	201
261432EX	1-10-8	1	261
261433	2-2-3-1-4	1	201
261433EX	1-10-8	1	261
261435	4-1-3-2-2	10	201
261435EX	1-10-8	1	261
261445	4-1-2-2-3	1	201
261445EX	1-10-8	1	261
261493	1-2-2-4	1	205

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Palazzoli code	Marks	Pack Qty	Catalogue page
261495	2-1-4-3	1	205
261496	3-4-1-2-2	1	205
265103	1-4	1	179
265104	4-1	1	179
265162	2-1-2-4	1	179
265163	4-2-2-1	1	179
265164	2-4-1-2	1	179
265253	4-1-2-2	1	179
265254	2-1-4-2	1	179
265322	2-4-1-2	1	179
265323	1-2-2-4	1	179
265324	4-2-2-1	1	179
265403	1-4	1	179
265404	1-4	1	179
265632	4-1	1	179
265633	4-1	1	179
265634	1-4	1	179
267103	4-1	1	179
267104	1-4	1	179
267162	2-2-4-1	1	179
267163	4-2-1-2	1	179
267164	2-1-2-4	1	179
267253	2-4-1-2	1	179
267254	4-1-2-2	1	179
267322	2-4-1-2	1	179
267323	4-1-2-2	1	179
267324	4-1-2-2	1	179
267403	4-1	1	179
267404	4-1	1	179
267632	4-1	1	179
267633	1-4	1	179
267634	4-1	1	179
270103EX		1	260
270104EX		1	260
270162EX		1	260
270163EX		1	260
270164EX		1	260
270225		1	179
270236		1	183
270237		1	183
270239		1	183
270240		1	183

Palazzoli code	Marks	Pack Qty	Catalogue page
270243		1	183
270247	1-4	1	183
270248	4-1	1	183
270252EX		1	260
270253EX		1	260
270254EX		1	260
270323EX		1	260
270324EX		1	260
270326		1	114-123-179-187
270327		1	114-123-179-187
270330		1	114-123-179-187
270331		1	114-123-179-187
270332		1	114-123-179-187
270335		1	429
270350		1	179
270403EX		1	260
270404EX		1	260
270500		1	179
270512	4-1	1	194
270513	4-1	1	194
270517	4-1	1	194
270528		1	195
270538		1	195
270628		2	195
270633EX		1	260
270634EX		1	260
270638		1	195
270728		1	195
270900		10	179-195
270901		1	433
270902		1	428
270903		1	428
270909		1	179
270911		1	433
270912		1	428
270913		1	428
270914		1	428
270916		1	428
270921		1	433
270941		1	433
270951		1	433
270961		1	433

Palazzoli code	Marks	Pack Qty	Catalogue page
271225		1	183
271350		1	183
271500		1	183
272141	1-4	1	186
272142	4-1	1	186
272143	4-1	1	186
272144	1-4	1	186
272146	4-1	1	187
272147	1-4	1	187
272148	1-4	1	187
272152	4-1	1	187
272232	1-4	1	186
272233	4-1	1	186
272242	4-1	1	186
272243	4-1	1	186
272244	1-4	1	186
272246	1-4	1	187
272247	4-1	1	187
272252	4-1	1	187
272302	4-1	1	186
272303	4-1	1	186
272304	1-4	1	186
272306	4-1	1	187
272307	1-4	1	187
272312	1-4	1	187
272502	1-4	1	186
272503	1-4	1	186
272507	1-4	1	187
272542	4-1	1	186
272543	4-1	1	186
272552	1-4	1	186
272553	4-1	1	186
272632	4-1	1	186
272633	1-4	1	186
274225		1	183
274350		1	183
274401		1	134
274402		1	134
274412	4-1-8	1	135
274416	8-4-1	1	135
274425	8-4-1	1	135
274440	4-8-1	1	135

Palazzoli code	Marks	Pack Qty	Catalogue page
274463	8-4-1	1	135
274500		1	183
274657	1-4	1	429
274658		1	429
274659		1	429
274772	1-4	1	431
274828	1-4	1	429
274854	4-1	1	429
274857	4-1	1	429
274948	4-1	1	429
275112	4-1	10	194
275113	4-1	10	194
275116	4-1	1	194
275117	1-4	1	194
275212	4-1	10	194
275213	4-1	10	194
275216	1-4	1	194
275217	1-4	1	194
275312	1-4	5	194
275313	4-1	5	194
275316	4-1	1	194
275317	4-1	1	194
276503	4-1	1	191
276507	1-4	1	191
276513	1-4	1	192
276600	1-4	1	191
276601	4-1	5	191
276602	1-4	5	191
276603	4-1	5	191
276604	1-4	1	191
276605	1-4	1	191
276606	4-1	5	191
276607	1-4	1	191
276608	1-4	1	192
276609	1-4	1	192
276610	4-1	1	192
276611	4-1	1	192
276612	4-1	5	192
276613	1-4	1	192
276701	4-1	1	191
276702	1-4	5	191
276703	1-4	5	191

Palazzoli code	Marks	Pack Qty	Catalogue page
276705	4-1	1	191
276706	1-4	1	191
276707	1-4	1	191
276712	1-4	5	192
276713	4-1	1	192
276801	1-4	1	191
276802	4-1	1	191
276803	4-1	1	191
276805	1-4	1	191
276806	4-1	1	191
276807	1-4	1	191
276812	4-1	1	192
276813	4-1	1	192
276910		1	193
276911		1	193
276912		1	193
276913		1	193
276930		1	193
276931		1	193
276932		1	193
280612	1-4	1	194
280613	1-4	1	194
280617	4-1	1	194
280712	1-4	1	194
280713	4-1	1	194
282402	1-4	1	186
282403	4-1	1	186
282404	1-4	1	186
282406	4-1	1	187
282407	4-1	1	187
282412	4-1	1	187
282602	4-1	1	186
282603	1-4	1	186
282607	4-1	1	187
282703	1-4	1	186
282803	1-4	1	186
285412	4-1	5	194
285413	4-1	5	194
285416	4-1	1	194
285417	4-1	1	194
286603	4-1	1	191
286607	4-1	1	191

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
286703	4-1	1	191
286732	1-4	1	191
286762	4-1	1	191
286782	4-1	1	191
286902	1-4	1	191
286903	1-4	5	191
286906	1-4	1	191
286907	4-1	1	191
286912	4-1	1	192
286913	4-1	1	192
290103EX		1	259
290104EX		1	259
290162EX		1	259
290163	1-4	1	185
290163EX		1	259
290164	4-1	1	185
290164EX		1	259
290252EX		1	259
290253EX		1	259
290254EX		1	259
290323	4-1	1	185
290323EX		1	259
290324	1-4	1	185
290324EX		1	259
290403EX		1	259
290404EX		1	259
290522	1-4	1	185
290523	1-4	1	185
290633EX		1	259
290634EX		1	259
290642	4-1	1	185
290643	1-4	1	185
290762	4-1	1	185
290763	1-4	1	185
292101	4-1	1	184
292102	1-4	1	184
292103	1-4	1	184
292105		10	193
292116		1	193
292125		10	193
292136		1	193
292146		1	193
292156		1	193
292202	1-4	1	184
292203	1-4	1	184
292232	1-4	1	184
292233	4-1	1	184
292302	1-4	1	184
292303	4-1	1	184
292305		1	193
292316		1	193
292325		1	193
292336		1	193
292356		1	193
292412	1-4	1	184
292413	1-4	1	184
292503	4-1	1	185
292508		1	196
292512	4-1	1	185
292518		1	196
292528		2	196
292538		1	196
292542	4-1	1	185
292543	1-4	1	185
292552	1-4	1	185
292553	4-1	1	185
292621	1-4	1	185
292623	1-4	1	185
292632	4-1	1	185
292633	1-4	1	185
292703	1-4	1	185
292708		1	196
292728		1	196
292733	1-4	1	185
293053	1-4	1	185
293063	4-1	1	185
293123	4-1	1	185
293163	1-4	1	185
293263	1-4	1	185
295107		10	196
295108		10	196
295117		1	195
295118		1	196
295127		1	196
295128		10	196
295137		1	195
295138		1	196
295147		5	196
295157		5	195
295167		1	196
295177		1	195
295308		5	196
295318		1	196
295328		5	196
295338		1	196
3			
302044	4-8-1	1	203
302054	1-4-8	1	203
302091	1-4	10	203
302092	1-4	10	203
302093	4-1	10	203
302095	1-4	10	203
302097	4-1	10	203
302144	8-4-1	1	203
302154	8-1-4	1	203
302192	1-4	10	203
302193	4-1	30	203
302195	1-4	30	203
302197	4-1	30	203
339039	1-4	3	430
339041	1-4	3	430
339147	4-1	3	430
339150	1-4	3	430
339259	1-4	3	430
339367	1-4	1	430
339988		1	430
339998		10	430
347001	4-1	10	430
347003	4-1	50	430
347005	4-1	50	430
348117	4-1	25	430
348122	4-1	25	430
348123	1-4	25	430
348326	4-1	25	430
348333	1-4	5	430
349117	1-4	25	430
349122	4-1	25	430
349123	1-4	25	430
349217	1-4	25	430
349326	1-4	25	430
349333	4-1	5	430
381123	1-3-2-4-2	1	182
381163	2-2-4-1-3	1	182
381203	2-2-4-1-3	1	182
381253	3-2-1-2-4	1	182
382123	2-1-2-3-4	1	182
382163	2-2-4-3-1	1	182
382203	2-2-1-4-3	1	182
382253	3-2-1-4-2	1	182
4			
400124	1-4	1	120
400126	1-4	1	120
400129	1-4	1	120
400134	4-1	1	120
400136	4-1	1	120
400139	4-1	1	120
400144	4-1	1	120
400146	4-1	1	120
400149	1-4	1	120
400224	1-4	1	120
400226	1-4	1	120
400229	1-4	1	120
400233	1-4	1	120
400234	1-4	1	120
400236	1-4	1	120
400239	1-4	1	120
400244	1-4	1	120
400246	4-1	1	120
400249	1-4	1	120
400324	4-1	1	120
400326	4-1	1	120
400329	1-4	1	120
400334	1-4	1	120
400336	4-1	1	120
400339	4-1	1	120
400344	1-4	1	120
400346	4-1	1	120
400349	1-4	1	120
401030	1	1	209
401031	1	1	209
403126	4-1	1	121
403136	4-1	1	121
403146	1-4	1	121
403226	1-4	1	121
403236	4-1	1	121
403246	1-4	1	121
403326	1-4	1	121
403336	1-4	1	121
403346	1-4	1	121
406126	4-1	1	121
406136	4-1	1	121
406146	4-1	1	121
406226	1-4	1	121
406233	1-4	1	121
406236	4-1	1	121
406246	4-1	1	121
406326	4-1	1	121
406336	4-1	1	121
406346	4-1	1	121
407030	1	1	209
407031	1	1	209
408126	1-4	1	120
408136	1-4	1	120
408146	1-4	1	120
408226	1-4	1	120
408233	1-4	1	120
408236	4-1	1	120
408246	1-4	1	120
408326	4-1	1	120
408336	1-4	1	120
408346	1-4	1	120
409873	4-1	1	121
410124	1-4-8	1	99
410126	1-4-8	1	99
410129	4-8-1	1	99
410134	8-1-4	1	99
410136	1-4-8	1	99
410137	8-1-4	1	99
410139	1-8-4	1	99
410144	8-4-1	1	99

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Palazzoli code	Marks	Pack Qty	Catalogue page
410146	1-8-4	1	99
410147	4-8-1	1	99
410149	8-1-4	1	99
410224	8-4-1	1	99
410226	8-4-1	1	99
410229	8-4-1	1	99
410233	1-8-4	1	99
410234	1-8-4	1	99
410236	1-4-8	1	99
410237	8-1-4	1	99
410239	8-4-1	1	99
410244	1-8-4	1	99
410246	4-8-1	1	99
410247	4-1-8	1	99
410249	8-1-4	1	99
410324	1-4-8	1	99
410326	1-8-4	1	99
410329	8-4-1	1	99
410334	8-1-4	1	99
410336	8-4-1	1	99
410337	1-8-4	1	99
410339	4-8-1	1	99
410344	8-1-4	1	99
410346	8-4-1	1	99
410347	1-8-4	1	99
410349	1-8-4	1	99
410434	1-8-4	1	99
410436	1-8-4	1	99
410437	8-4-1	1	99
410439	1-4-8	1	99
410444	4-8-1	1	99
410446	8-4-1	1	99
410447	4-8-1	1	99
410449	4-8-1	1	99
412124	8-1-4	1	99
412126	4-8-1	1	99
412136	8-1-4	1	99
412146	4-1-8	1	99
412224	1-4-8	1	99
412226	1-4-8	1	99
412233	1-4	1	99-290
412236	1-4-8	1	99

Palazzoli code	Marks	Pack Qty	Catalogue page
412246	1-8-4	1	99
412326	4-1	1	99
412336	4-1-8	1	99
412346	1-4-8	1	99
412436	8-4-1	1	99
412446	4-8-1	1	99
413124	4-8-1	1	99
413126	8-4-1	1	99
413136	1-4-8	1	99
413146	4-1-8	1	99
413224	8-1-4	1	99
413226	8-1-4	1	99
413236	8-1-4	1	99
413246	8-1-4	1	99
413326	4-1	1	99
413336	8-4-1	1	99
413346	8-1-4	1	99
413436	8-4-1	1	99
413446	1-8-4	1	99
415000		100	123
415001	1-4	1	122
415002	4-1	1	122
415101	4-1	1	122
415102	1-4	1	122
415801		1	122
415802		1	122
415901		1	122
415902		1	122
415903		1	122
415904		1	122
416124	1-4-8	1	99
416126	1-8-4	1	99
416136	1-8-4	1	99
416146	1-8-4	1	99
416224	4-8-1	1	99
416226	1-8-4	1	99
416236	4-8-1	1	99
416246	8-1-4	1	99
416326	4-1	1	99
416336	8-1-4	1	99
416346	4-1-8	1	99
416436	8-1-4	1	99

Palazzoli code	Marks	Pack Qty	Catalogue page
416446	4-8-1	1	99
419000	1	1	101-123
419001		5	65-101
419002		5	65-101
419003		5	65-101
419004		5	65-101
419005		5	65-101
419006		5	65-101
419010		1	99
419021		5	65-101
419022		5	65-101
419023		5	65-101
419024		5	65-101
419025		5	65-101
419026		5	65-101
419031		5	65-101
419032		5	65-101
419033		5	65-101
419034		5	65-101
419035		5	65-101
419036		5	65-101
419120	1-4	1	100
419122	1-4	1	100
419124	1-4-8	1	100
419126	1-8-4	1	100
419127	8-1-4	1	100
419128	4-1	1	100
419129	8-4-1	1	100
419130	4-1	1	100
419131	1-4-8	1	100
419132	1-4	1	100
419133	8-1-4	1	100
419134	4-8-1	1	100
419135	8-1-4	1	100
419136	4-1-8	1	100
419137	8-1-4	1	100
419138	4-1	1	100
419139	8-1-4	1	100
419140	4-1	1	100
419141	1-4-8	1	100
419142	1-4	1	100
419143	1-8-4	1	100

Palazzoli code	Marks	Pack Qty	Catalogue page
419144	1-4-8	1	100
419145	4-8-1	1	100
419146	4-1-8	1	100
419147	8-1-4	1	100
419149	4-8-1	1	100
419220	4-1	1	100
419222	4-1	1	100
419224	8-1-4	1	100
419226	4-8-1	1	100
419227	4-8-1	1	100
419228	4-1	1	100
419229	1-8-4	1	100
419230	1-4	1	100
419231	8-1-4	1	100
419232	1-4	1	100
419233	8-1-4	1	100
419234	1-4-8	1	100
419235	1-8-4	1	100
419236	1-8-4	1	100
419237	1-8-4	1	100
419238	4-1	1	100
419239	8-4-1	1	100
419240	1-4	1	100
419241	4-1-8	1	100
419242	1-4	1	100
419243	8-1-4	1	100
419244	1-8-4	1	100
419245	8-4-1	1	100
419246	8-1-4	1	100
419247	4-1-8	1	100
419249	1-4-8	1	100
419320	1-4	1	100
419322	4-1	1	100
419324	1-8-4	1	100
419326	4-8-1	1	100
419327	4-8-1	1	100
419328	4-1	1	100
419329	8-1-4	1	100
419330	4-1	1	100
419331	4-8-1	1	100
419332	4-1	1	100
419333	1-8-4	1	100

Palazzoli code	Marks	Pack Qty	Catalogue page
419334	1-8-4	1	100
419335	4-1-8	1	100
419336	1-4-8	1	100
419337	4-8-1	1	100
419338	4-1	1	100
419339	8-4-1	1	100
419340	1-4	1	100
419341	1-4-8	1	100
419342	1-4	1	100
419343	8-4-1	1	100
419344	4-8-1	1	100
419345	4-8-1	1	100
419346	4-8-1	1	100
419347	4-8-1	1	100
419349	8-1-4	1	100
419420	4-1	1	100
419422	1-4	1	100
419424	1-4-8	1	100
419426	1-4-8	1	100
419427	4-1-8	1	100
419428	1-4	1	100
419429	4-8-1	1	100
419430	1-4	1	100
419431	1-8-4	1	100
419432	1-4	1	100
419433	1-8-4	1	100
419434	4-8-1	1	100
419435	4-8-1	1	100
419436	8-1-4	1	100
419437	8-1-4	1	100
419438	1-4	1	100
419439	1-8-4	1	100
419440	1-4	1	100
419441	8-1-4	1	100
419442	1-4	1	100
419443	1-4-8	1	100
419444	1-8-4	1	100
419445	8-4-1	1	100
419446	1-8-4	1	100
419447	1-8-4	1	100
419449	4-1-8	1	100
421029	1-4-8	1	139

Marks: 1=CE CE 2=IMQ IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
421909		1	431
422039	8-1-4	1	139
427019	8-1-4	1	139
427909		1	431
431237	3-1-2	10	201
431252	1-2	10	206
433052	1-2	10	39
437012	2-1-2	10	39
437022	1-2-2	10	39
437152	1-2-2	10	39
438124	5-8-1-9-4	1	49
438126	8-4-1-5-9	1	49
438136	9-4-1-8-5	1	49
438146	1-5-4-8-9	1	49
438224	1-5-4-8-9	1	49
438226	4-9-5-1-8	1	49
438236	5-8-9-1-4	1	49
438246	5-1-9-4-8	1	49
439124	5-4-8-1-9	1	49
439126	8-4-1-9-5	1	49
439136	1-4-5-9-8	1	49
439146	8-5-9-1-4	1	49
439224	8-4-5-1-9	1	49
439226	1-4-9-5-8	1	49
439233	9-1-8-5-4	1	49
439236	8-1-4-9-5	1	49
439246	9-1-4-5-8	1	49
460126	1-4	1	137
460136	1-4	1	137
460146	1-4	1	137
460224	1-4-8	1	131
460226	1-8-4	1	131
460229	1-4-8	1	131
460231	8-1-4	1	131
460233	4-1	1	131-289
460234	1-8-4	1	131
460236	4-1-8	1	131
460237	8-4-1	1	131
460239	1-4-8	1	131
460241	4-8-1	1	131
460244	1-4-8	1	131
460246	8-1-4	1	131
460247	1-8-4	1	131
460249	8-4-1	1	131
460324	1-4	1	131
460326	4-1	1	131
460329	4-1	1	131
460331	8-1-4	1	131
460333	1-4	1	131
460334	8-4-1	1	131
460336	4-1-8	1	131
460337	4-8-1	1	131
460339	8-1-4	1	131
460341	4-8-1	1	131
460344	1-4-8	1	131
460346	1-8-4	1	131
460347	4-8-1	1	131
460349	8-1-4	1	131
460431	8-1-4	1	131
460434	1-4-8	1	131
460436	8-4-1	1	131
460437	4-1-8	1	131
460439	8-4-1	1	131
460441	1-8-4	1	131
460444	4-8-1	1	131
460446	1-8-4	1	131
460447	8-1-4	1	131
460449	1-8-4	1	131
461121		1	293
461124EX		1	245
461126EX		1	245
461129EX		1	245
461131		1	293
461134EX		1	245
461136EX		1	245
461137EX		1	245
461139EX		1	245
461144EX		1	245
461146EX	6-10-1	1	245
461147EX		1	245
461149EX		1	245
461151		1	293
461224EX		1	245
461226EX		1	245
461229EX		1	245
461234EX		1	245
461236EX		1	245
461237EX		1	245
461239EX		1	245
461244EX		1	245
461246EX	6-10-1	1	245
461247EX		1	245
461249EX		1	245
461324EX		1	245
461326EX		1	245
461329EX		1	245
461334EX		1	245
461336EX		1	245
461337EX		1	245
461339EX		1	245
461344EX		1	245
461346EX	6-1-10	1	245
461347EX		1	245
461349EX		1	245
462124EX		1	245
462126EX		1	245
462129EX		1	245
462131		1	293
462134EX		1	245
462136EX		1	245
462137EX		1	245
462139EX		1	245
462144EX		1	245
462146EX	6-10-1	1	245
462147EX		1	245
462149EX		1	245
462224EX		1	245
462226EX		1	245
462229EX		1	245
462234EX		1	245
462236EX		1	245
462237EX		1	245
462239EX		1	245
462244EX		1	245
462246EX	1-10-6	1	245
462247EX		1	245
462249EX		1	245
462324EX		1	245
462326EX		1	245
462329EX		1	245
462334EX		1	245
462336EX		1	245
462337EX		1	245
462339EX		1	245
462344EX		1	245
462346EX	10-6-1	1	245
462347EX		1	245
462349EX		1	245
466123	1-4-8	1	131
466124	4-8-1	1	131
466126	4-1-8	1	131
466129	8-4-1	1	131
466131	1-8-4	1	131
466134	1-4-8	1	131
466136	1-8-4	1	131
466137	4-1-8	1	131
466139	8-1-4	1	131
466141	4-1-8	1	131
466144	4-1-8	1	131
466146	4-8-1	1	131
466147	4-8-1	1	131
466149	1-4-8	1	131
467021		10	293
467031		10	293
467051		10	293
467124	1-4-8	1	109
467126	4-1-8	1	109
467136	4-8-1	1	109
467146	8-1-4	1	109
468224	1-8-4	1	108
468226	4-8-1	1	108
468229	8-1-4	1	108
468233	1-4-8	1	108
468234	8-1-4	1	108
468236	1-8-4	1	108
468239	8-4-1	1	108
469226	1-8-4	1	109
469233	1-4-8	1	109-288
469236	4-8-1	1	109
469873	4-1	1	110
470126	8-4-1	1	109
470136	4-1-8	1	109
470146	1-8-4	1	109
470226	1-8-4	1	109
470233	4-1-8	1	109
470236	8-4-1	1	109
470246	8-1-4	1	109
470326	8-1-4	1	109
470336	1-4-8	1	109
470346	8-4-1	1	109
471002	1-4-2	1	68
471003	2-1-4-2	1	69
471004	1-8-4	1	202
471005	2-4-1	1	68
471007	2-4-2-1	1	69
471011	1-2-4	1	68
471012	1-4-2	1	68
471013	2-2-1-4	1	69
471015	1-2-4	1	68
471017	4-1-2-2	1	69
471018	1-2-4	1	68
471019	2-4-1	1	68
471022	4-1-2	1	69
471032	4-1-2	1	69
471035	4-2-1	1	69
471042	2-1-4	1	69
471045	1-2-4	1	69
471051	2-4-1	1	69
471054	2-1-8-4	1	207
471056	2-8-4-1	1	207
471058	2-1-4	1	69
471059	2-1-4	1	69
471062	2-1-4	1	69
471063	2-1-4-2	1	69
471064	4-1-2-8	1	207
471065	2-4-1	1	69
471066	2-4-8-1	1	207
471067	2-2-4-1	1	69
471072	1-4-2	1	69
471075	1-4-2	1	69

Certifications and marking of Palazzoli codes are in continuous development. Please visit the www.palazzoli.com website to view any updates.

Palazzoli code	Marks	Pack Qty	Catalogue page
471094	2-1-4-8	1	202
471102	4-1-2	1	68
471103	2-1-2-4	1	69
471104	8-4-1	1	202
471105	2-1-4	1	68
471107	4-2-1-2	1	69
471108	4-2-1	1	69
471111	2-1-4	1	69
471112	4-2-1	1	68
471113	2-4-2-1	1	69
471114	1-8-4	1	202
471115	1-4-2	1	68
471117	4-2-1-2	1	69
471118	2-1-4	1	69
471122	2-4-1	1	69
471123	1-2-4-2	1	69
471132	2-4-1	1	69
471135	2-1-4	1	69
471142	1-4	1	69
471145	4-1-2	1	69
471151	1-2-4	1	68
471154	2-4-8-1	1	207
471156	2-8-1-4	1	207
471162	1-4-2	1	69
471164	4-8-1-2	1	207
471165	2-1-4	1	69
471166	2-8-4-1	1	207
471172	1-2-4	1	69
471175	4-2-1	1	69
471177	2-2-1-4	1	69
471204	2-3-8-1-4	10	202
471214	8-4-1	1	207
471224	1-2-4-8	1	207
471254	4-8-2-1	10	207
471284	8-1-4-2-3	1	202
471294	2-1-3-4-8	1	202
471304	1-3-8-4-2	10	202
471314	8-2-1-3-4	1	202
471324	3-2-8-4-1	1	202
471334	2-1-8-4	1	207
471354	4-2-1-8	1	207
471364	8-1-2-4	1	207
471404	8-3-4-2-1	1	202
471414	8-4-1-3-2	1	202
471424	4-3-1-2-8	1	202
471434	2-8-1-4	1	207
471454	2-8-4-1	1	207
471464	2-8-1-4	1	207
471602	4-1-2	1	68
471603	1-4-2-2	1	69
471605	2-1-4	1	68
471607	1-2-4-2	1	69
471632	1-2-4	1	69
471635	1-4-2	1	69
471662	1-2-4	1	69
471665	4-1	1	69
471812	4-1	1	132
471818	4-1-8	1	134
471819	1-4	1	113
471832	1-4	1	132
471838	8-1-4	1	134
471839	1-4	1	113
471873	1-4	1	110
471893	4-1-2	1	110
471908	1-4	1	429
471909	4-1	1	429
471922	1-4	1	429
471932	1-4	1	429
471950	4-1	1	429
472020	1-8-4	1	110
472021	1-8-4	1	110
472022	1-4-8	1	110
472027	4-1-8	1	132
472130	1-4-8	1	110
472131	4-1-8	1	110
472132	4-1-8	1	110
472133	4-1-8	1	110-288
472137	4-8-1	1	132
472233	1-8-4-2	1	137
472236	8-1-4	1	130
472237	8-4-1	1	130
472240	8-4-1	1	110
472241	1-4-8	1	110
472242	4-1-8	1	110
472243	4-8-2-1	1	137
472246	1-4-8	1	130
472247	8-4-1	1	130
472248	8-4-1	1	130
472253	8-4-1-2	1	137
472256	1-8-4	1	130
472257	4-8-1	1	130
472258	1-4-8	1	130
472333	2-4-1-8	1	137
472336	4-1-8	1	130
472337	4-1-8	1	130
472343	8-2-4-1	1	137
472346	1-4-8	1	130
472347	8-1-4	1	130
472348	1-4-8	1	130
472353	2-8-1-4	1	137
472356	8-1-4	1	130
472357	1-4-8	1	130
472358	4-8-1	1	130
472377	1-8-4	1	130
472387	8-4-1	1	130
472388	1-4-8	1	130
472397	8-4-1	1	130
472398	4-8-1	1	130
472418	8-4-1	1	130
472428	1-4-8	1	130
472433	8-2-1-4	1	137
472436	1-8-4	1	130
472437	8-1-4	1	130
472443	8-1-2-4	1	137
472446	8-4-1	1	130
472447	1-4-8	1	130
472453	8-4-2-1	1	137
472456	4-1-8	1	130
472457	8-1-4	1	130
472466	1-4-8	1	130
472486	4-1-8	1	130
472518	8-4-1	1	130
472528	1-4-8	1	130
472536	8-1-4	1	130
472546	1-8-4	1	130
472547	4-1-8	1	130
472556	8-1-4	1	130
472557	1-8-4	1	130
472610	4-8-1	1	108
472611	4-1-8	1	108
472612	8-4-1	1	108
472620	1-8-4	1	108
472621	1-8-4	1	108
472622	4-8-1	1	108
472623	4-1-8	1	132
472624	1-8-4	1	132
472630	8-1-4	1	108
472631	4-8-1	1	108
472632	4-1-8	1	108
472640	8-1-4	1	108
472641	8-1-4	1	108
472642	4-8-1	1	108
472647	1-8-4	1	132
472648	8-4-1	1	132
472649	1-8-4	1	132
472650	4-1-8	1	108
472651	4-1-8	1	108
472660	4-1-8	1	108
472661	1-8-4	1	108
472670	1-8-4	1	108
472671	8-4-1	1	108
472672	8-1-4	1	108
472710	4-8-1	1	108
472711	8-1-4	1	108
472712	4-8-1	1	108
472720	4-1-8	1	108
472721	1-8-4	1	108
472722	4-8-1	1	108
472730	1-4-8	1	108
472731	1-4-8	1	108
472732	1-8-4	1	108
472733	8-4-1	1	132
472734	8-4-1	1	132
472735	1-8-4	1	132-289
472740	4-1-8	1	108
472741	1-8-4	1	108
472742	1-4	1	108
472750	4-1-8	1	108
472751	8-1-4	1	108
472752	4-1-8	1	108
472754	1-8-4	1	108
472755	1-8-4	1	108
472760	1-8-4	1	108
472761	8-1-4	1	108
472762	8-1-4	1	108
472771	1-4-8	1	108
472780	4-8-1	1	108
472781	1-8-4	1	108
472790	1-4-8	1	108
472791	1-8-4	1	108
472810	4-1-8	1	108
472811	8-4-1	1	108
472812	8-4-1	1	108
472820	4-1-8	1	108
472821	1-8-4	1	108
472822	1-8-4	1	108
472830	8-1-4	1	108
472831	8-1-4	1	108
472832	8-4-1	1	108
472840	8-1-4	1	108
472841	1-4-8	1	108
472842	1-8-4	1	108
472843	4-8-1	1	132
472844	8-1-4	1	132
472850	1-8-4	1	108
472851	4-1-8	1	108
472852	8-1-4	1	108
472854	4-8-1	1	108
472855	1-4-8	1	108
472861	4-8-1	1	108
472870	8-4-1	1	108
472871	8-1-4	1	108
472880	1-8-4	1	108
472881	8-1-4	1	108
472967		1	162
472968		1	162
472970		1	429
472971		1	429
472972		1	429
472977		1	162

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
472978		1	162
472980		1	429
472981		1	429
472990		1	429
472991		1	429
473002	1-4-2	1	68
473003	2-4-1	1	68
473005	4-2-1	1	68
473006	1-2-4	1	68
473012	2-4-1	1	68
473013	2-1-4	1	68
473015	4-2-1	1	68
473016	1-4-2	1	68
473062	2-1-4	1	68
473063	4-2-1	1	68
473065	2-1-4	1	68
473066	2-4-1	1	68
473102	1-2-4	1	68
473103	1-4-2	1	68
473105	4-2-1	1	68
473106	4-1-2	1	68
473107	1-4	1	68
473112	1-4-2	1	68
473113	4-2-1	1	68
473115	1-2-4	1	68
473116	4-2-1	1	68
473122	1-2-4	1	68
473123	1-2-4	1	68
473125	2-4-1	1	68
473126	1-4-2	1	68
473336	8-4-1	1	134
473337	4-1-8	1	134
473346	4-8-1	1	134
473347	4-1-8	1	134
473436	8-4-1	1	134
473437	8-1-4	1	134
473446	1-4-8	1	134
473447	1-8-4	1	134
473602	1-4-2	1	68
473603	2-4-1	1	68
473605	1-4-2	1	68
473606	2-4-1	1	68

Palazzoli code	Marks	Pack Qty	Catalogue page
473901	4-1	1	68
473951	4-1	1	68
473952	1-4	1	68
473955	1-4	1	68
473961	1-4	1	69
473962	1-4	1	69
473965	1-4	1	69
473971	1-4	1	69
473972	1-4	1	69
473975	4-1	1	69
474133	4-1-8	1	132
474210	4-1-8-2	1	109
474220	4-2-1-8	1	109
474230	2-1-8-4	1	109
474236	1-8-4	1	132
474237	4-1-8	1	132
474246	1-8-4	1	132
474247	4-8-1	1	132
474256	1-8-4	1	132
474257	4-8-1	1	132
474310	2-8-1-4	1	109
474320	8-2-1-4	1	109
474330	1-2-8-4	1	109
474336	8-1-4	1	132
474337	8-4-1	1	132
474340	1-4-2-8	1	109
474346	1-2-8-4	1	132
474347	1-8-4	1	132
474356	1-8-4	1	132
474357	4-1-8	1	132
474387	4-8-1	1	132
474397	8-1-4	1	132
474410	1-2-8-4	1	109
474420	8-1-2-4	1	109
474430	2-1-4-8	1	109
474436	1-4-8	1	132
474437	1-8-4	1	132
474446	8-4-1	1	132
474447	1-8-4	1	132
474450	2-1-4-8	1	109
474456	4-8-1	1	132
474457	8-4-1	1	132

Palazzoli code	Marks	Pack Qty	Catalogue page
474466	8-2-1-4	1	132
474486	1-4-8	1	132-289
474536	2-8-4-1	1	132
474586	8-2-1-4	1	132
474611	4-8-1	1	109
474612	1-4-2-8	1	109
474621	1-4-8	1	109
474622	1-8-2-4	1	109
474631	4-1-8	1	109
474632	1-4-8-2	1	109
474633	4-8-1	1	132
474643	1-4-8	1	132
474653	8-4-1	1	132
474711	1-4-8	1	109
474712	8-4-1-2	1	109
474721	8-1-4	1	109
474722	2-1-4-8	1	109
474731	8-4-1	1	109
474732	4-8-2-1	1	109
474733	8-1-4	1	132
474741	4-1-8	1	109
474742	2-1-8-4	1	109
474743	8-4-1	1	132
474753	4-8-1	1	132
474771	1-4-8	1	109-288
474811	8-1-4	1	109
474812	2-1-8-4	1	109
474821	4-1-8	1	109
474822	2-1-4-8	1	109
474831	8-4-1	1	109
474832	1-8-4-2	1	109
474833	1-4-8	1	132
474843	1-4-8	1	132
474851	8-4-1	1	109
474852	2-8-1-4	1	109
474853	4-1-8	1	132
474863	8-4-1	1	132
474951		1	429
474953		1	429
474955		1	429
475123	1-4-8	1	130
475124	8-4-1	1	130

Palazzoli code	Marks	Pack Qty	Catalogue page
475126	1-4-8	1	130
475129	1-4-8	1	130
475131	8-4-1	1	130
475134	4-1-8	1	130
475136	4-8-1	1	130
475137	4-8-1	1	130
475139	4-8-1	1	130
475141	4-8-1	1	130
475144	4-1-8	1	130
475146	1-4-8	1	130
475147	8-4-1	1	130
475149	1-8-4	1	130
475336	8-4-1	1	134
475337	4-1-8	1	134
475346	1-4-8	1	134
475347	1-8-4	1	134
475436	1-4-8	1	134
475437	8-1-4	1	134
475446	8-4-1	1	134
475447	1-8-4	1	134
476002	4-2-1	1	67
476005	4-1	1	67
476012	1-2-4	1	67
476015	4-2-1	1	67
476042	2-4-1	1	67
476045	1-4-2	1	67
476102	1-4-2	1	67
476105	4-2-1	1	67
476112	4-2-1	1	67
476115	1-2-4	1	67
476142	2-1-4	1	67
476145	4-1-2	1	67
476203	4-2-8-2-1	1	428
476206	1-4-8-2-2	1	428
476213	4-2-8-1-2	1	428
476216	1-2-2-4	1	428
476223	4-8-1-2-2	1	428
476226	4-2-2-8-1	1	428
476303	4-1-8-2-2	10	428
476306	8-4-2-2-1	1	428
476313	2-8-2-1-4	1	428
476316	2-2-1-8-4	1	428

Palazzoli code	Marks	Pack Qty	Catalogue page
476323	2-8-4-2-1	1	428
476326	2-2-1-8-4	1	428
476336	4-1-8	1	113
476337	4-8-1	1	113
476346	1-8-4	1	113
476347	8-1-4	1	113
476403	1-2-2-8-4	1	428
476406	2-2-1-8-4	1	428
476413	2-8-2-4-1	1	428
476416	2-2-1-8-4	1	428
476423	4-1-8-2-2	1	428
476426	2-2-1-8-4	1	428
476436	8-1-4	1	113
476437	8-1-4	1	113
476446	8-4-1	1	113
476447	1-8-4	1	113
476486	2-2-1-8-4	1	428
476602	1-2-4	1	67
476605	2-4-1	1	67
476903		1	60-239
476905		10	60-239
476907		1	60-239
476909		1	60-239
476913		1	60-239
476923		10	60-239
476925		10	60-239
477002	2-1-4	10	66
477003	1-2-4	1	66
477005	4-1-2	1	66
477006	4-1-2	1	66
477012	1-4-2	1	66
477013	4-1-2	1	66
477015	1-4-2	1	66
477016	1-2-4	1	66
477062	2-1-4	1	66
477063	4-2-1	1	66
477065	1-4-2	1	66
477066	2-4-1	1	66
477102	4-1-2	1	66
477103	4-1-2	1	66
477105	4-2-1	1	66
477106	2-1-4	1	66

Certifications and marking of Palazzoli codes are in continuous development. Please visit the www.palazzoli.com website to view any updates.

Palazzoli code	Marks	Pack Qty	Catalogue page
477107	4-1	1	67
477112	2-1-4	1	66
477113	1-4-2	1	66
477115	4-2-1	1	66
477116	4-1	1	66
477122	2-4-1	1	66
477123	4-2-1	1	66
477175	4-1-2	1	66
477176	4-1-2	1	66
477602	4-2-1	1	66
477603	2-1-4	1	66
477605	2-1-4	1	66
477606	1-2-4	1	66
477901	4-1	1	67
477951	4-1	1	67
477952	4-1	1	67
477955	4-1	1	67
478213		1	292
478336	4-1-8	1	113
478337	4-8-1	1	113
478346	1-8-4	1	113
478347	1-8-4	1	113
478436	1-8-4	1	113
478437	1-4-8	1	113
478446	8-1-4	1	113
478447	8-4-1	1	113
480324	8-4-1	1	86
480326	1-4-8	1	86
480329	1-8-4	1	86
480334	1-4-8	1	86
480336	1-8-4	1	86
480339	1-4-8	1	86
480344	1-8-4	1	86
480346	8-1-4	1	86
480349	4-1-8	1	86
480426	1-4	1	112
480434	1-4	1	112
480435	4-1	1	112
480436	4-1	1	112
480437	1-4	1	112
480439	4-1	1	112
480444	4-1	1	112

Palazzoli code	Marks	Pack Qty	Catalogue page
480445	4-1	1	112
480446	1-4	1	112
480447	4-1	1	112
480449	4-1	1	112
480530	4-1-8	1	140
480531	1-4-8	1	140
480550	4-1-8	1	140
480551	4-8-1	1	140
480650	8-1-4	1	140
480651	8-1-4	1	140
480750	1-4-8	1	140
480751	8-4-1	1	140
481324	4-1-8	1	86
481326	4-1-8	1	86
481329	8-4-1	1	86
481334	8-1-4	1	86
481336	1-4-8	1	86
481339	1-4-8	1	86
481344	4-8-1	1	86
481346	4-1-8	1	86
481349	1-8-4	1	86
482426	1-4	1	112
482434	1-4	1	112
482435	4-1	1	112
482436	1-4	1	112
482437	1-4	1	112
482439	1-4	1	112
482444	4-1	1	112
482445	1-4	1	112
482446	4-1	1	112
482447	4-1	1	112
482449	1-4	1	112
483436	4-1	1	112
483446	1-4	1	112
484434	1-4	1	112
484436	1-4	1	112
484437	4-1	1	112
484439	1-4	1	112
484444	1-4	1	112
484446	1-4	1	112
484447	1-4	1	112
484449	1-4	1	112

Palazzoli code	Marks	Pack Qty	Catalogue page
488114	4-5-1-9	10	48
488116	1-5-9-4	10	48
488124	1-8-9-4-5	1	44
488126	4-1-5-8-9	10	44
488129	9-8-1-4-5	1	44
488134	4-5-8-9-1	1	44
488136	1-5-8-9-4	10	44
488139	1-4-8-9-5	1	44
488144	5-1-8-4-9	1	44
488146	5-4-9-8-1	10	44
488149	4-8-9-5-1	1	44
488224	5-1-4-9-8	1	44
488226	1-5-9-4-8	5	44
488229	5-4-8-9-1	1	44
488234	9-1-8-4-5	1	44
488236	1-4-9-5-8	5	44
488239	4-5-1-9-8	1	44
488244	4-5-1-8-9	1	44
488246	8-9-4-1-5	5	44
488249	8-9-1-5-4	1	44
489124	4-9-5-1-8	1	44
489126	1-4-5-8-9	10	44
489129	4-5-8-9-1	1	44
489134	1-4-5-8-9	1	44
489136	9-1-5-4-8	10	44
489139	5-4-9-1-8	1	44
489144	5-9-4-8-1	1	44
489146	5-4-8-9-1	10	44
489149	1-8-9-4-5	1	44
489224	8-4-5-1-9	1	44
489226	1-9-8-5-4	5	44
489229	5-9-8-4-1	1	44
489233	8-1-5-9-4	1	44-289
489234	5-8-1-4-9	1	44
489236	8-4-9-1-5	5	44
489239	8-1-5-4-9	1	44
489244	8-4-5-9-1	1	44
489246	9-5-4-1-8	5	44
489249	9-1-8-5-4	1	44
489326	8-1-4	2	44
489336	8-1-4	2	44
489346	1-8-4	2	44

Palazzoli code	Marks	Pack Qty	Catalogue page
490024	4-1	1	81
490124	1-4-8	1	81
490126	4-8-1	1	81
490129	4-8-1	1	81
490134	4-8-1	1	81
490136	1-4-8	1	81
490139	8-4-1	1	81
490144	4-8-1	1	81
490146	4-1-8	1	81
490149	1-4-8	1	81
490224	4-8-1	1	81
490226	1-8-4	1	81
490229	4-8-1	1	81
490233	4-8-1	1	81
490234	4-8-1	1	81
490236	1-4-8	1	81
490239	8-1-4	1	81
490244	1-4-8	1	81
490246	8-4-1	1	81
490249	8-1-4	1	81
491124	8-1-4	1	81
491126	8-5-4-1-9	1	81
491129	1-4-9-5-8	1	81
491134	9-4-5-1-8	1	81
491136	4-1-8-5-9	1	81
491139	4-8-1-9-5	1	81
491144	9-4-5-8-1	1	81
491146	9-8-4-5-1	1	81
491149	9-1-8-4-5	1	81
491224	8-1-9-4-5	1	81
491226	1-8-9-5-4	1	81
491229	5-8-1-4-9	1	81
491233	1-9-8-5-4	1	81-289
491234	9-8-5-4-1	1	81
491236	8-5-9-1-4	1	81
491239	4-1-5-9-8	1	81
491244	9-8-4-1-5	1	81
491246	9-8-4-1-5	1	81
491249	1-9-8-5-4	1	81
492124	9-1-4-5-8	1	80
492126	5-8-9-1-4	1	80
492136	1-4-5-9-8	1	80

Palazzoli code	Marks	Pack Qty	Catalogue page
492146	9-4-8-1-5	1	80
492226	5-9-4-8-1	1	80
492236	9-8-1-5-4	1	80
492246	4-1-5-9-8	1	80
493124	4-1	1	92
493126	1-4	1	92
493136	1-4	1	92
493146	1-4	1	92
493226	4-1	1	92
493236	4-1	1	92
493246	1-4	1	92
494124	1-4	1	92
494126	1-4	1	92
494136	1-4	1	92
494146	4-1	1	92
494226	4-1	1	92
494236	1-4	1	92
494246	4-1	1	92
495124	4-1	1	93
495126	1-4	1	93
495129	4-1	1	93
495134	1-4	1	93
495136	1-4	1	93
495139	1-4	1	93
495144	4-1	1	93
495146	4-1	1	93
495149	1-4	1	93
495224	4-1	1	93
495226	1-4	1	93
495229	1-4	1	93
495233	1-4	1	93
495234	1-4	1	93
495236	1-4	1	93
495239	4-1	1	93
495244	1-4	1	93
495246	1-4	1	93
495249	1-4	1	93
496024	4-1	1	93
496124	1-4	1	93
496126	4-1	1	93
496129	1-4	1	93
496134	4-1	1	93

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
496136	1-4	1	93
496139	4-1	1	93
496144	4-1	1	93
496146	4-1	1	93
496149	1-4	1	93
496224	1-4	1	93
496226	1-4	1	93
496229	1-4	1	93
496233	1-4	1	93
496234	1-4	1	93
496236	1-4	1	93
496239	1-4	1	93
496244	4-1	1	93
496246	1-4	1	93
496249	1-4	1	93
5			
500750	4-1	1	229
500753	1-4	1	229
500762	1-4	1	229
500766	4-1	1	229
500767	1-4	1	229
500768	4-1	1	229
500770	4-1	1	229
500790	1-4	1	229
500792	4-1	1	229
500800	1-4	1	229
500801	1-4	1	229
500802	1-4	1	229
500816	4-1	1	229
500817	1-4	1	229
500830	4-1	1	229
500831	1-4	1	229
500833	4-1	1	229
500835	4-1	1	229
500840	1-4	1	229
500841	1-4	1	229
500843	4-1	1	229
500860	4-1	1	229
500861	4-1	1	229
500863	1-4	1	229
500872	1-4	1	229
500874	1-4	1	229

Palazzoli code	Marks	Pack Qty	Catalogue page
500884	4-1	1	226
500885	1-4	1	226
500886		1	226
500890	4-1	1	229
500891	1-4	1	229
500892	1-4	1	229
500893	4-1	1	229
500894	4-1	1	229
500895	4-1	1	229
500896	1-4	1	229
500897	4-1	1	229
500900	1-4	1	229
500903	1-4	1	229
500904	1-4	1	229
500916	1-4	1	229
500918	4-1	1	229
500930	1-4	1	229
500933	1-4	1	229
500934	4-1	1	229
500935	1-4	1	229
500936	4-1	1	229
500941	1-4	1	229
500943	1-4	1	229
500949	1-4	1	229
501500		1	228
501501		1	228
501502		1	228
501503		1	228
501530	8-1-4	1	221
501531		1	433
501540		1	222
501550		1	222
501560		1	221
501565	1-8-4	1	221
501590	1-4	1	221
501591	4-1	1	221
501595		1	221
508124	1-4-8	1	49
508126	1-4-8	1	49
508136	4-1-8	1	49
508146	8-1-4	1	49
508224	1-4-8	1	49

Palazzoli code	Marks	Pack Qty	Catalogue page
508226	8-1-4	1	49
508236	4-1-8	1	49
508246	8-4-1	1	49
509124	1-4-8	1	49
509126	1-8-4	1	49
509136	8-4-1	1	49
509146	8-1-4	1	49
509224	1-4-8	1	49
509226	8-4-1	1	49
509233	4-1	1	49
509236	8-1-4	1	49
509246	1-8-4	1	49
509326	8-1-4	1	49
509336	8-1-4	1	49
509346	1-4-8	1	49
511110	4-8-1	1	165
511201	1-4	1	133
511202	4-1	1	133
511203	1-4	1	133
511204	1-4	1	135
511210	1-4-8	1	165
511214	1-4-8	1	165
511220	4-8-1	1	165
511220EX		1	252
511227	1-8-4	1	137
511301	8-1-4	1	133
511302	4-1-8	1	133
511303	4-8-1	1	133
511304	4-1-8	1	135
511310	8-1-4	1	165
511314	4-1-8	1	165
511320	4-1-8	1	165
511324	8-4-1	1	165
511410		1	165
511410EX		1	252
511414	8-1-4	1	165
511420	1-4-8	1	165
511420EX		1	252
511424	8-1-4	1	165
511452	1-8-4	1	165
511510		1	165
511510EX		1	252

Palazzoli code	Marks	Pack Qty	Catalogue page
511514	8-4-1	1	165
511610		1	165
511610EX		1	252
511614	1-4-8	1	165
511634	1-4-8	1	165
511801		1	133
511802		1	133
511803		1	133
511804		1	133
511805		1	133
511824	1-8-4	1	165
511910EX	10-6-8	1	252
511913EX	6-10-8	1	252
511920EX	6-10-8	1	252
511921EX	8-10-6	1	252
515111	1-4	1	166
515112	4-1	1	166
515144	4-1	1	166
515200	4-1	1	166
515214	1-4	1	166
515221	1-4	1	166
515224	1-4	1	137-166
515300	1-4	1	166
515313	1-4	1	166
515323	4-1	1	166
515411	1-4	1	166
515413	1-4	1	166
515423	1-4	1	166
515453	1-4	1	166
515512	4-1	1	166
515610	4-1	1	166
515613	1-4	1	166
515632	1-4	1	166
515637	1-4	1	166
515822	1-4	1	166
518204	1-4	1	166
518206	1-4	1	137-166
518207	1-4	1	166
518211	4-1	1	166
520009	1-4-8	30	155
520009EX	10-1	1	253
520009NV	4-1-8	30	155

Palazzoli code	Marks	Pack Qty	Catalogue page
520011	4-1-8	20	155
520011EX	1-10	1	253
520011NV	4-1-8	20	155
520012	8-4-1	20	155
520012EX	1-10	1	253
520012NV	1-4	20	155
520014	1-4-8	10	155
520014EX	1-10	1	253
520014NV	1-8-4	10	155
520019	4-1-8	1	155
520019EX	1-10	1	253
520019NV	4-1-8	1	155
520020	8-1-4	1	155
520020EX	10-1	1	253
520020NV	8-1-4	1	155
520021	1-4-8	1	155
520021EX	1-10	1	253
520021NV	4-1-8	1	155
521009	4-1	1	133-155-253
521011	1-4	1	155-253
521012	4-1	1	133-155-253
521014	1-4	1	133-155-253
521019	1-4	1	155-253
521020	4-1	1	155-253
521021	4-1	1	155-253
521210	1-4-8	1	165
521214	1-4-8	1	165
521310		1	165
521310EX		1	252
521314	1-8-4	1	165
521414	8-1-4	1	165
521420		1	165
521420EX		1	252
522011		1	155-253
522012		1	155-253
522014		1	155-253
522019		1	155-253
522020		1	155-253
522021		1	155-253
525200	4-1	1	166
525300	1-4	1	166
525410	4-1	1	166

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Palazzoli code	Marks	Pack Qty	Catalogue page
531011	1-4-8	1	160
531011EX		1	251
531021	8-4-1	1	160
531021EX		1	251
531040	4-8-1	1	160
531040EX		1	251
531042	4-1-8	1	160
531042EX		1	251
531062	1-8-4	1	160
531062EX		1	251
531200	8-4-1	1	113-160
531211	8-1-4	1	160
531220	1-8-4	1	113-160
531221	4-1-8	1	160
531222	8-1-4	1	160
531231	1-8-4	1	160
531240	4-8-1	1	160
531241	4-1-8	1	160
531242	1-8-4	1	160
531262	1-8-4	1	160
531311	1-4-8	1	160
531321	1-4-8	1	160
531331	4-1-8	1	113-160
531340	1-8-4	1	160
531411	1-8-4	1	160
531431	4-1-8	1	160
531440	4-1-8	1	160
531442	8-4-1	1	160
531540	8-1-4	1	160
531640	1-4-8	1	160
531662	1-4-8	1	160
532005	4-8-1	1	159
532005EX	8-6-10	1	251
532006	8-4-1	1	159
532006EX	6-8-10	1	251
532015	1-8-4	1	159
532015EX	10-6-8	1	251
532016	8-4-1	1	159
532016EX	8-6-10	1	251
532017	8-1-4	1	159
532017EX	8-6-10	1	251
532018	8-4-1	1	159

Palazzoli code	Marks	Pack Qty	Catalogue page
532018EX	6-8-10	1	251
532035	8-4-1	5	159
532035EX	6-8-10	1	251
532045	1-4-8	1	159
532045EX	6-8-10	1	251
532055	4-8-1	1	159
532055EX	10-8-6	1	251
532100		1	111
532101	4-1-8	1	65-101-110
532102	4-1-8	1	65-101-110
532103	4-8-1	1	65-101-110
532116	4-8-1	1	159
532116EX	6-8-10	1	251
532117	4-1-8	1	159
532117EX	6-10	1	251
532118	8-4-1	1	159
532118EX	10-8-6	1	251
532121	8-1-4	1	65-101-110
532122	1-4-8	1	65-101-110
532131	1-8-4	1	65-101-110
532132	8-1-4	1	65-101-110
532133	1-4-8	1	65-101-110
532200	4-8-1	1	111-159
532200EX	6-8-10	1	251
532201	8-4-1	1	111-159
532201EX	1-10-6-8	1	251
532202	1-8-4	1	111-159
532202EX	6-10-8	1	251
532203	8-4-1	1	111-159
532203EX	8-10-6	1	251
532204	8-4-1	1	111-159
532204EX	10-6-8	1	251
532211	8-4-1	1	111
532281EX		1	246
532282EX		1	246
532283EX		1	246
532286EX		1	246
532300	8-1-4	1	111-159
532301	4-1-8	1	111-159
532302	1-8-4	1	111-159
532303	4-1-8	1	111-159
532304	4-1-8	1	111-159

Palazzoli code	Marks	Pack Qty	Catalogue page
532311	8-1-4	1	111
532516	8-4-1	1	159
532557	4-1-8	1	159
532658	8-4-1	1	159
532700		1	111-133-159-251
532701		1	111-133-159-251
532702		1	111-133-159-251
532703		1	111-159-251
532704		1	111-159-251
532705		1	159-251
532714		1	159-251
532715		1	159-251
532716		1	159-251
532717		1	159-251
532718		1	159-251
532725	4-1	1	174
532745	1-4	1	174
532747	4-1	1	174
532826		1	137
532841		1	65-101
532842		1	65-101
532843		1	65-101
532895		1	133
535126	4-1	1	161
535131	1-4	1	161
535135	1-4	1	161
535137	4-1	1	161
535140	1-4	1	161
535142	1-4	1	161
535157	4-1	1	161
535162	4-1	1	161
535320	4-1	1	113-161
535321	1-4	1	113-161
535322	1-4	1	161
535323	1-4	1	161
535324	4-1	1	161
535325	4-1	1	161
535326	4-1	1	161
535327	1-4	1	161
535328	4-1	1	161
535640	1-4	1	113-161
535643	4-1	1	113-161

Palazzoli code	Marks	Pack Qty	Catalogue page
538110		2	113-162
538130		2	162
538180		1	114-162
538210		2	113-162
538225		1	428
538230		2	162
538280		1	162
538295		1	428
538310		1	162
538325		1	428
538330		1	162
538380		1	162
538385		1	162
538395		1	428
538400		1	123-163
538410		1	114-123-163
538421	4-1	1	114
538425		1	111
538429	1-4	1	114
538429EX	1	1	246
538432		1	111
538436	4-1	1	114
538436EX	1	1	246
538610		10	163-166-430
538620		10	163-166-430
538630		5	163-166-430
538791		50	111
538800		1	111
538800EX	1	1	246
538801		1	111
538802		1	111
538802EX	1	1	246
538803		1	111
538804		1	111
538804EX	1	1	246
540000		1	431
540001		1	431
540002		1	431
540003		1	431
540004		1	431
540005		1	431
540006		1	431

Palazzoli code	Marks	Pack Qty	Catalogue page
540033		2	138-167
540034		2	138-167
540035		2	138-167
540036		1	167
540061		1	138-167
540063		1	138-167
540064		1	138-167
540065		1	138-167
540066		1	167
540090		5	138-167
540091		5	138-167
540161	1	1	167
540180		1	138-167
540190		1	138-167
540191		1	138-167
540193		1	138-167
540195		1	138-167
541040	1	1	167
541050		1	138-167
541055		1	138-167
544033		1	167
544034		1	167
544035		1	167
544036		1	167
545081		1	138-167
545083		1	138-167
545084		1	167
545085		1	167
545086		1	167
547054	1	1	138-167
550001	4-1-8	1	148
550002	4-8-1	1	148
550003	8-4-1	1	148
550004	4-1-8	1	148
550005	1-4-8	1	148
550006	4-1-8	1	148
550007	4-1-8	1	148
550031	8-4-1	1	148
550032	8-4-1	1	148
550033	4-1-8	1	148
550034	1-4-8	1	148
550035	8-4-1	1	148

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
550036	4-1-8	1	148
550037	4-1-8	1	148
550502		4	148
550503		4	148
550504		4	148
550505		1	148
550506		1	148
550507		1	148
550522		6	149
550523		6	149
550525		4	149
550526		4	149
550527		1	149
550542		6	149
550543		6	149
550545		4	149
550546		4	149
550547		1	149
550552		4	149
550553		4	149
550555		1	149
550556		1	149
550557		1	149
550562		6	149
550563		6	149
550564		6	149
550566		1	149
550567		1	149
550582	1-4	6	149
550583	4-1	6	149
550585	4-1	1	149
550586	1-4	1	149
550587	4-1	1	149
550601		5	148
550602		5	148
550603		5	148
550604		1	148
550605		1	148
550606		1	148
550607		1	148
550611		5	148
550612		5	148

Palazzoli code	Marks	Pack Qty	Catalogue page
550613		5	148
550614		1	148
550615		1	148
550616		1	148
550617		1	148
550621		5	148
550622		5	148
550623		5	148
550624		1	148
550625		1	148
550626		1	148
550632		1	149
550633		1	149
550635		1	149
550636		1	149
550637		1	149
550640		20	150
550641		5	150
550642		1	150
550643		1	150
550645		1	150
550648		1	150
550662		1	150
550663		1	150
550665		1	150
550666		1	150
550667		1	150
550680		10	150
550689		1	431
550701		1	431
550702		1	431
550703		1	431
550704		1	431
550705		1	431
550706		1	431
550707		1	431
550731		1	431
550732		1	431
550733		1	431
550734		1	431
550735		1	431
550736		1	431

Palazzoli code	Marks	Pack Qty	Catalogue page
550737		1	431
559011	4-1	1	206
559012	4-1	1	206
559021	4-1	8	202
559022	1-4	1	202
559031	4-1	8	202
559032	4-1	1	202
559132	4-1	15	206
559134	1-4	1	206
559232	4-1	1	201
559234	4-1	1	201
570010		1	48-85-225
571007	1	100	171
571009	1	50	171
571009EX	1	50	256
571011	1	50	171
571011EX	1	50	256
571013	1	50	171
571013EX	1	50	256
571016	1	50	171
571016EX	1	50	256
571021	1	25	171
571021EX	1	20	256
571029	1	20	171
571029EX	1	20	256
571036	1	10	171
571036EX	1	10	256
571042	1	5	171
571042EX	1	5	256
571048	1	5	171
571048EX	1	5	256
571107	1	50	171
571109	1	50	171
571109EX	1	50	256
571111	1	50	171
571111EX	1	50	256
571113	1	50	171
571113EX	1	50	256
571116	1	50	171
571116EX	1	50	256
571121	1	20	171
571121EX	1	20	256

Palazzoli code	Marks	Pack Qty	Catalogue page
571129	1	20	171
571129EX	1	20	256
571136	1	10	171
571136EX	1	10	256
571142	1	10	171
571142EX	1	5	256
571148	1	10	171
571148EX	1	5	256
571207		50	171-256
571209		50	171-256
571211		50	171-256
571213		50	171-256
571216		50	171-256
571221		25	171-256
571229		20	171-256
571236		10	171-256
571242		5	171-256
571248		5	171-256
572007	1	50	173
572009	1	50	173
572011	1	50	173
572013	1	50	173
572016	1	50	173
572021	1	20	173
572029	1	20	173
572036	1	10	173
572042	1	5	173
572107	1	50	173
572109	1	50	173
572111	1	50	173
572113	1	50	173
572116	1	50	173
572121	1	20	173
572129	1	20	173
572136	1	10	173
572142	1	5	173
572148	1	5	173
572207		50	173
572209		50	173
572211		50	173
572213		50	173
572216		50	173

Palazzoli code	Marks	Pack Qty	Catalogue page
572221		20	173
572229		20	173
572236		10	173
572242		5	173
572248		5	173
572307		50	173
572309		50	173
572311		50	173
572313		50	173
572316		25	173
572321		20	173
572329		15	173
572336		10	173
572342		10	173
572348		10	173
575501	4-1	1	94
575502	4-1	1	87
575505	4-1	1	84
575506	4-1	1	84
575701		1	287
575702		1	287
575706		1	287
575708		1	287
575710		1	287
575711		1	287
576100	1-4	1	285
576101	4-1	1	285
576110	4-1	1	285
576111	4-1	1	285
576112	4-1	1	285
576113	4-1	1	285
576200	1-4	1	285
576201	1-4	1	285
576202	4-1	1	285
576203	1-4	1	285
576205	4-1	1	285
576206	1-4	1	285
576400	1-4	1	286
576401	1-4	1	286
576600		1	286
576601		1	286
576800	1-4	1	285

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Palazzoli code	Marks	Pack Qty	Catalogue page
579011		1	48-85
579012		10	48-85-225
579013		1	47-85
579014		1	47-85
579400	4-1	1	87
579421	4-1	1	87
579422	1-4	1	87
579423	1-4	1	87
579451	4-1	1	83
579452	4-1	1	83
579453	1-4	1	83
579462	4-1	1	428
579500	1-4	1	94
579510	1-4	1	94
579582		1	95
579584		1	95
579590		1	428
579591		1	95
579592		1	428
579602	1-4	1	94
579612	4-1	1	95
579620	1-4	1	94
579621	1-4	1	94
579622	1-4	1	87
579623	4-1	1	87
579631	1-4	1	87
579640	4-1	1	94
579641	1-4	1	94
579642	4-1	1	94
579702	4-8-1	1	47
579703	8-1-4	1	47
579708	4-1	1	84
579709	1-4	1	84
579710	8-4-1	1	84
579711	4-8-1	1	84
579712	1-4-8	1	84
579713		1	82
579714		1	82
579715	1	1	80
579716		1	82
579717		1	82
579718		1	93

Palazzoli code	Marks	Pack Qty	Catalogue page
579719		1	87
579721	8-1-4	1	83
579722	4-8-1	1	83
579723	8-1-4	1	83
579741	1-8-4	1	83
579742	4-8-1	1	83
579743	8-4-1	1	83
579744	8-4-1	1	83
579750	8-1-4	1	47
579751	4-1-8	1	47
579822	8-1-4-11	1	46
579823	4-1-8	1	46
579824	4-8-1-11	1	46
579826	8-4-1	1	46
579828	11-1-4-8	1	46
579830	1	10	45
579831	1-4	10	45
579832	1	10	45
579840	1	5	45
579842		1	47
579843		1	47
579845	1	10	45
579846		1	428
579847	4-1	10	45-50
579848		1	45
579849		1	45
579850		1	47-85
579852	4-1	1	46
579853	1-4	1	46
579854	1-4	1	46
579860	1-4	1	45-50
579863	4-1-8	1	46
579865	8-1-4	1	46
579901		1	95
579902		1	87
579904		20	48-85
579910		1	87
579920		1	87
580051		5	432
580052		5	432
580054		5	432
580211		1	171

Palazzoli code	Marks	Pack Qty	Catalogue page
580212		1	171
580213		1	171
580230		100	171
580231		100	171
580232		100	171
580233		50	171
580234		25	171
580242		5	430
580243		5	430
580244		1	430
580250		1	48-85-95
580360EX	1	1	258
580361EX	1	1	258
580364EX	1	1	258
580365EX	1	1	258
580394EX	1	1	258
580395EX	1	1	258
580396EX	1	1	258
580416EX	1	1	258
580420EX	1	1	258
580425EX	1	1	258
580432EX	1	1	258
580440EX	1	1	258
580450EX	1	1	258
580463EX	1	1	258
581012	4-1	100	170
581012EX	1	50	257
581016	4-1	50	170
581016EX	1	50	257
581020	4-1	50	170
581020EX	1	50	257
581025	4-1	25	170
581025EX	1	20	257
581032	1-4	20	170
581032EX	1	20	257
581040	4-1	10	170
581040EX	1	20	257
581050	4-1	5	170
581050EX	1	10	257
581063	1-4	5	170
581063EX	1	5	257
581112	4-1	100	114-123-163-170

Palazzoli code	Marks	Pack Qty	Catalogue page
581112EX	1	50	257
581116	4-1	50	114-123-163-170
581116EX	1	50	257
581120	4-1	50	114-123-163-170
581120EX	1	50	257
581125	1-4	25	114-123-163-170
581125EX	1	20	257
581132	4-1	20	114-123-163-170
581132EX	1	20	257
581140	4-1	10	114-123-163-170
581140EX	1	20	257
581150	1-4	5	114-123-163-170
581150EX	1	10	257
581163	1-4	5	114-123-163-170
581163EX	1	5	257
581212		50	114-123-163-170-257
581216		50	114-123-163-170-257
581220		50	114-123-163-170-257
581225		50	114-123-163-170-257
581232		50	114-123-163-170-257
581240		20	114-123-163-170-257
581250		10	114-123-163-170-257
581263		5	114-123-163-170-257
581312		1	170
581312EX		1	257
581316		1	170
581316EX		1	257
581320		1	170
581325		1	170
581325EX		1	257
58132EX0		1	257
581332		1	170
581332EX		1	257
581340		1	170
581340EX		1	257
581350		1	170
581350EX		1	257
581363		1	170
581363EX		1	257
582012	4-1	100	138-172
582016	4-1	50	138-172
582020	4-1	50	138-172

Palazzoli code	Marks	Pack Qty	Catalogue page
582025	1-4	25	138-172
582032	1-4	20	138-172
582041	1-4	10	138-172
582050	4-1	5	138-172
582112	4-1	100	172
582112EX	1	50	258
582116	4-1	50	172
582116EX	1	50	258
582120	4-1	50	172
582120EX	1	50	258
582125	1-4	25	172
582125EX	1	20	258
582132	4-1	20	172
582132EX	1	20	258
582140EX	1	20	258
582141	1-4	10	172
582150	4-1	5	172
582150EX	1	10	258
582163	4-1	5	172
582163EX	1	5	258
582212		50	172-258
582216		50	172-258
582220		50	172-258
582225		25	172-258
582232		20	172-258
582240		10	172-258
582250		10	172-258
582263		5	172-258
582312		100	172
582316		100	172
582320		100	172
582325		100	172
582332		50	172
582340		50	172
582350		25	172
582363		25	172
585408	1	10	293-426
585412	1	10	293-426
585415	1	10	293-426
585480	1	10	293-426
585490		10	293-426
590002		5	432

Marks: 1=CE CE 2=IMQ IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
590004		1	432
590020	4-1	5	204
590021		1	209
590025	4-1	1	204
6			
601532	1-4	1	222
601540		1	215
601563	4-1	1	222
601632	1-4	1	222
601663	1-4	1	222
604101	4-1	1	220
604102	1-4	1	220
604103	1-4	1	220
604104	4-1	1	220
604105	4-1	1	220
604106	4-1	1	220
604107	4-1	1	220
604108	1-4	1	220
605101	4-1	1	220
605102	1-4	1	220
605103	4-1	1	220
605104	1-4	1	220
605105	4-1	1	220
605106	4-1	1	220
605107	1-4	1	220
605108	1-4	1	220
606101	1-4	1	220
606102	1-4	1	220
606103	4-1	1	220
606104	4-1	1	220
606105	1-4	1	220
606106	1-4	1	220
606107	1-4	1	220
606108	4-1	1	220
610012	1-4	1	219
610606	4-1	1	219
614001	1-4	1	220
614002	4-1	1	220
614003	4-1	1	220
614004	1-4	1	220
614005	4-1	1	220
614101	4-1	1	219

Palazzoli code	Marks	Pack Qty	Catalogue page
614102	4-1	1	219
614103	1-4	1	219
614104	1-4	1	219
614105	1-4	1	219
614106	1-4	1	219
614107	1-4	1	219
615001	1-4	1	220
615002	4-1	1	220
615003	4-1	1	220
615004	4-1	1	220
615005	1-4	1	220
615101	4-1	1	219
615102	4-1	1	219
615103	1-4	1	219
615104	4-1	1	219
615105	4-1	1	219
615106	4-1	1	219
615107	4-1	1	219
616001	1-4	1	220
616002	1-4	1	220
616003	1-4	1	220
616004	1-4	1	220
616005	1-4	1	220
616006	4-1	1	220
616007	1-4	1	220
616008	4-1	1	220
616009	4-1	1	220
616101	4-1	1	219
616102	1-4	1	219
616103	1-4	1	219
616104	1-4	1	219
616105	1-4	1	219
616106	4-1	1	219
616107	1-4	1	219
616108	1-4	1	219
616109	4-1	1	219
616110	1-4	1	219
630001	1-4	36	50
630002	4-1	36	50
630003	4-1	24	50
630011	4-1	30	50
630012	1-4	30	50

Palazzoli code	Marks	Pack Qty	Catalogue page
630013	4-1	24	50
630021		20	51
630022		8	51
630030	4-1	16	52
630031	1-4	16	52
630035	4-1	16	53
630036	1-4	20	53
630040	1	16	53
630041	1	16	53
630042	1	16	53
630050	1	16	51
630051	1	8	51
630052	1	8	51
630053	1	8	52
630054	1	8	52
630055	1	8	51
630056	1-4	8	51
630058		16	51
630070	1	16	53
630071	1	16	53
630080	1	20	53
630081	1	20	53
630082	1	20	53
630085	1	4	53
630090		100	53
630091	1	200	53
634001	1-4	1	215
634002	4-1	1	215
634004	1-4	1	215
634005	4-1	1	215
634006	4-1	1	215
634010	1-4	1	215
634100	4-8-1	1	215
634101	1-4	1	215
634102	4-1	1	215
634104	1-4	1	215
634105	4-1	1	215
634106	4-1	1	215
634110	4-1	1	215
638040	1-4	1	215
638041	4-1	1	215
638042	1-4	1	215

Palazzoli code	Marks	Pack Qty	Catalogue page
641216	1	1	432
643216	1	10	432
644001	1-4	1	214
644002	1-4	1	214
644003	4-1	1	214
644004	1-4	1	214
644005	1-4	1	214
644006	1-4	1	214
644010	4-1	1	214
644101	4-1	1	214
644102	4-1	1	214
644103	1-4	1	214
644104	4-1	1	214
644105	4-1	1	214
644106	4-1	1	214
644110	4-1	1	214
658529		1	53
670010	4-1	1	225
670011	1-4	1	225
670012	1-4	1	225
670013	1-4	1	225
670030	4-1	1	224
670031	4-1	1	224
670032	1-4	1	224
670033	1-4	1	224
670040	4-1	1	224
670041	1-4	1	224
670042	1-4	1	224
670043	1-4	1	224
670044	4-1	1	224
670060	1-4	1	224
670061	4-1	1	224
670062	4-1	1	224
670063	1-4	1	224
670130	4-1	1	225
670140	4-1	1	225
675001	1-4	1	227
675002	1-4	1	227
675101	4-1	1	227
675102	4-1	1	227
676001	1-4	1	227
676002	4-1	1	227

Palazzoli code	Marks	Pack Qty	Catalogue page
676003	4-1	1	227
676004	4-1	1	227
676101	4-1	1	227
676102	1-4	1	227
677001	4-1	1	227
677002	4-1	1	227
677003	1-4	1	227
677004	4-1	1	227
677101	4-1	1	227
677102	4-1	1	227
678001	1-4	1	227
678002	1-4	1	227
678101	4-1	1	227
678102	1-4	1	227
685001	4-1	1	227
685002	1-4	1	227
686001	1-4	1	227
686002	4-1	1	227
686003	4-1	1	227
686004	1-4	1	227
687001	4-1	1	227
687002	4-1	1	227
687003	4-1	1	227
687004	4-1	1	227
688001	4-1	1	227
688002	4-1	1	227
7			
700124	4-2-1-2-8	10	36
700126	2-1-8-2-4	40	36
700129	2-8-1-4-2	5	36
700134	2-4-8-2-1	5	36
700136	1-4-2-2-8	30	36
700139	2-8-1-2-4	5	36
700144	4-2-2-1-8	5	36
700146	2-8-4-2-1	20	36
700149	4-2-2-8-1	5	36
700224	2-2-1-8-4	5	36
700226	1-4-2-8-2	5	36
700229	4-2-8-2-1	5	36
700234	2-2-4-8-1	5	36
700236	8-4-2-2-1	20	36
700239	4-1-2-2-8	5	36

Certifications and marking of Palazzoli codes are in continuous development. Please visit the www.palazzoli.com website to view any updates.

Palazzoli code	Marks	Pack Qty	Catalogue page
700244	2-8-2-4-1	5	36
700246	1-8-2-2-4	20	36
700249	2-1-4-8-2	5	36
705124	4-1-8	10	36
705126	8-4-1	10	36
705136	8-1-4	10	36
705146	8-1-4	10	36
705226	4-1-8	5	36
705236	1-8-4	5	36
705246	4-8-1	5	36
710124	4-1-8	10	37
710126	8-1-4	30	37
710136	4-8-1	20	37
710146	1-8-4	15	37
710156	1-4	1	37
710166	4-1	1	37
710224	1-8-4	6	37
710226	1-8-4	6	37
710236	1-4-8	15	37
710246	4-1-8	10	37
710256	1-4	1	37
710266	1-4	1	37
710326	4-8-1	2	37
710336	8-4-1	5	37
710346	1-4-8	5	37
720124	8-2-2-4-1	5	36
720126	1-4-8-2-2	30	36
720129	1-8-2-2-4	5	36
720134	2-8-2-1-4	5	36
720136	8-2-2-4-1	20	36
720139	4-1-8-2-2	5	36
720144	1-4-8-2-2	5	36
720146	8-1-2-2-4	20	36
720149	2-8-4-1-2	5	36
720224	1-4-8-2-2	5	36
720226	4-1-2-2-8	5	36
720229	8-4-2-1-2	5	36
720234	1-4-2-8-2	5	36
720236	2-8-4-2-1	15	36
720239	2-1-8-4-2	5	36
720244	8-1-2-4-2	5	36
720246	8-2-4-1-2	15	36
720249	8-2-2-4-1	5	36
725124	8-1-4	10	36
725126	1-4-8	10	36
725136	4-8-1	10	36
725146	4-8-1	10	36
725226	4-1-8	5	36
725236	8-4-1	5	36
725246	4-8-1	5	36
730124	1-4-8	10	37
730126	4-8-1	20	37
730136	1-4-8	15	37
730146	4-1-8	15	37
730224	1-8-4	6	37
730226	1-4-8	6	37
730236	8-1-4	10	37
730246	8-1-4	10	37
730326	4-8-1	2	37
730336	1-4-8	5	37
730346	4-8-1	5	37
740001	4-1	10	38
740002	4-1	10	38
740003	1-4	10	38
740101	1-4	10	38
750530	1-8	1	70-140
750550	8-1	1	70-140
750650	1-8	1	70-140
750750	8-1	1	70-140
751530	8-1	1	70
751550	8-1	1	70
751650	8-1	1	70
751750	8-1	1	70
752126	1-4	1	38
752136	4-1	1	38
752146	4-1	1	38
753126	1-4	1	38
753136	1-4	1	38
753146	1-4	1	38
753236	4-1	1	38
760124	4-1-8	1	60
760124EX	10-1-6	1	239
760126	8-1-4	10	60
760126EX	10-1-6	1	239
760129	8-4-1	1	60
760129EX	6-1-10	1	239
760134	8-4-1	1	60
760134EX	6-10-1	1	239
760136	1-4-8	10	60
760136EX	1-6-10	1	239
760137	1-4-8	1	60
760137EX	6-1-10	1	239
760139	4-1-8	1	60
760139EX	6-1-10	1	239
760144	1-8-4	1	60
760144EX	6-1-10	1	239
760146	8-1-4	10	60
760146EX	1-10-6	1	239
760147	1-4-8	1	60
760147EX	1-6-10	1	239
760149	1-8-4	1	60
760149EX	6-10-1	1	239
760224	1-8-4	1	60
760224EX	6-1-10	1	239
760226	1-8-4	1	60
760226EX	6-1-10	1	239
760229	4-8-1	1	60
760229EX	10-1-6	1	239
760233	4-1-8	1	60-290
760234	4-8-1	1	60
760234EX	6-10-1	1	239
760236	1-8-4	5	60
760236EX	6-10-1	1	239
760237	1-4-8	1	60
760237EX	6-1-10	1	239
760239	8-1-4	1	60
760239EX	10-1-6	1	239
760244	4-8-1	1	60
760244EX	6-1-10	1	239
760246	1-4-8	5	60
760246EX	10-6-1	1	239
760247	8-1-4	1	60
760247EX	10-6-1	1	239
760249	4-1-8	1	60
760249EX	10-6-1	1	239
760324	4-1-8	1	60
760324EX	1-6-10	1	239
760326	8-1-4	1	60
760326EX	6-10-1	1	239
760329	4-8-1	1	60
760329EX	1-6-10	1	239
760334	8-1-4	1	60
760334EX	6-1-10	1	239
760336	4-1-8	1	60
760336EX	1-10-6	1	239
760337	8-4-1	1	60
760337EX	10-1-6	1	239
760339	8-1-4	1	60
760339EX	10-1-6	1	239
760344	8-1-4	1	60
760344EX	1-10-6	1	239
760346	4-1-8	1	60
760346EX	10-6-1	1	239
760347	1-4-8	1	60
760347EX	6-10-1	1	239
760349	4-1-8	1	60
760349EX	1-10-6	1	239
760434	8-1-4	1	60
760436	8-4-1	1	60
760437	4-8-1	1	60
760439	8-4-1	1	60
760444	1-8-4	1	60
760446	4-8-1	1	60
760447	1-8-4	1	60
760449	1-4-8	1	60
760530	1-8	1	70
760550	8-1	1	70
760650	8-1	1	70
760750	8-1	1	70
761530	8-1	1	70
761550	1-8	1	70
761650	1-8	1	70
761750	1-8	1	70
762124	8-4-1	1	60
762126	1-8-4	1	60
762136	4-8-1	1	60
762146	4-8-1	1	60
762224	8-1-4	1	60
762226	8-4-1	1	60
762236	4-8-1	1	60
762246	8-1-4	1	60
762336	1-8-4	1	60
762346	1-8-4	1	60
762436	1-4-8	1	60
762446	8-1-4	1	60
763124	1-8-4	1	60
763126	1-8-4	1	60
763136	8-4-1	1	60
763146	4-1-8	1	60
763224	4-1-8	1	60
763226	4-8-1	1	60
763236	4-8-1	1	60
763246	8-1-4	1	60
763336	4-8-1	1	60
763346	8-1-4	1	60
763436	8-4-1	1	60
763446	8-1-4	1	60
766124	1-4-8	1	60
766126	8-4-1	1	60
766136	4-1-8	1	60
766146	1-8-4	1	60
766224	1-4-8	1	60
766226	4-8-1	1	60
766236	1-8-4	1	60
766246	1-4-8	1	60
766336	8-4-1	1	60
766346	1-4-8	1	60
766436	4-1-8	1	60
766446	1-4-8	1	60
769120	1-4	1	61
769121	1-4	1	61
769122	1-4	1	61
769123	1-4	1	61
769124	4-8-1	1	61
769126	4-1-8	1	61
769127	8-4-1	1	61
769128	4-1	1	61
769129	8-1-4	1	61
769130	1-4	1	61
769131	4-1-8	1	61

Marks: 1=CE 2=IMQ 3=R.i.na. 4=UKCA 5=ENEC 6=ECEX 7=DEKRA 8=RETIE 9=KEMA 10=EX 11=SII-Israel 12=EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
769132	1-4	1	61
769133	4-1-8	1	61
769134	8-4-1	1	61
769135	4-1-8	1	61
769136	4-8-1	1	61
769137	8-4-1	1	61
769138	4-1	1	61
769139	8-4-1	1	61
769140	1-4	1	61
769141	8-1-4	1	61
769142	1-4	1	61
769143	8-4-1	1	61
769144	8-4-1	1	61
769145	1-8-4	1	61
769146	8-1-4	1	61
769147	1-8-4	1	61
769149	8-4-1	1	61
769220	1-4	1	61
769221	4-1	1	61
769222	4-1	1	61
769223	4-1	1	61
769224	8-1-4	1	61
769226	1-4-8	1	61
769227	4-8-1	1	61
769228	4-1	1	61
769229	8-1-4	1	61
769230	1-4	1	61
769231	8-1-4	1	61
769232	1-4	1	61
769233	8-4-1	1	61
769234	4-8-1	1	61
769235	1-8-4	1	61
769236	8-4-1	1	61
769237	8-1-4	1	61
769238	4-1	1	61
769239	8-1-4	1	61
769240	1-4	1	61
769241	4-1-8	1	61
769242	1-4	1	61
769243	4-8-1	1	61
769244	8-4-1	1	61
769245	8-4-1	1	61

Palazzoli code	Marks	Pack Qty	Catalogue page
769246	1-8-4	1	61
769247	4-1-8	1	61
769249	4-1-8	1	61
769320	1-4	1	61
769321	1-4	1	61
769322	1-4	1	61
769323	4-1	1	61
769324	4-8-1	1	61
769326	1-4-8	1	61
769327	4-1-8	1	61
769328	1-4	1	61
769329	4-8-1	1	61
769330	1-4	1	61
769331	8-4-1	1	61
769332	1-4	1	61
769333	1-8-4	1	61
769334	4-1-8	1	61
769335	1-4-8	1	61
769336	4-8-1	1	61
769337	1-8-4	1	61
769338	1-4	1	61
769339	4-8-1	1	61
769340	1-4	1	61
769341	4-1-8	1	61
769342	4-1	1	61
769343	4-1-8	1	61
769344	8-1-4	1	61
769345	1-8-4	1	61
769346	8-4-1	1	61
769347	8-1-4	1	61
769349	8-4-1	1	61
769420	8-1-4	1	61
769421	4-8-1	1	61
769422	1-8-4	1	61
769423	4-1-8	1	61
769424	4-1-8	1	61
769426	4-8-1	1	61
769427	4-8-1	1	61
769428	8-4-1	1	61
769429	4-8-1	1	61
769430	4-8-1	1	61
769431	8-4-1	1	61

Palazzoli code	Marks	Pack Qty	Catalogue page
769432	8-1-4	1	61
769433	8-1-4	1	61
769434	8-1-4	1	61
769435	1-8-4	1	61
769436	4-8-1	1	61
769437	8-4-1	1	61
769438	8-4-1	1	61
769439	1-4-8	1	61
769440	1-4-8	1	61
769441	4-1-8	1	61
769442	4-1-8	1	61
769443	1-4-8	1	61
769444	1-8-4	1	61
769445	4-8-1	1	61
769446	4-8-1	1	61
769447	8-1-4	1	61
769449	1-8-4	1	61
770124	8-4-1	1	62
770126	4-1-8	10	62
770129	8-4-1	1	62
770134	1-8-4	1	62
770136	4-1-8	10	62
770137	8-4-1	1	62
770139	4-8-1	1	62
770144	8-4-1	1	62
770146	8-1-4	10	62
770147	1-8-4	1	62
770149	1-4-8	1	62
770224	1-4-8	1	62
770226	8-4-1	1	62
770229	1-4-8	1	62
770233	1-4	1	62-290
770234	1-8-4	1	62
770236	1-4-8	5	62
770237	8-1-4	1	62
770239	8-1-4	1	62
770244	1-8-4	1	62
770246	1-8-4	5	62
770247	1-8-4	1	62
770249	1-4-8	1	62
770324	1-4-8	1	62
770326	8-4-1	1	62

Palazzoli code	Marks	Pack Qty	Catalogue page
770329	1-8-4	1	62
770334	4-1-8	1	62
770336	4-8-1	1	62
770337	1-8-4	1	62
770339	4-8-1	1	62
770344	4-1-8	1	62
770346	8-4-1	1	62
770347	4-1-8	1	62
770349	1-8-4	1	62
770434	1-8-4	1	62
770436	4-8-1	1	62
770437	8-4-1	1	62
770439	4-8-1	1	62
770444	8-1-4	1	62
770446	8-1-4	1	62
770447	8-1-4	1	62
770449	8-4-1	1	62
772124	4-8-1	1	62
772126	4-1-8	10	62
772129	8-1-4	1	62
772134	1-8-4	1	62
772136	4-1-8	1	62
772137	8-4-1	1	62
772139	4-8-1	1	62
772144	4-1-8	1	62
772146	8-4-1	1	62
772147	1-8-4	1	62
772149	8-1-4	1	62
772224	1-4-8	1	62
772226	8-1-4	1	62
772229	4-8-1	1	62
772233	1-4-8	1	62-290
772234	8-4-1	1	62
772236	4-1-8	1	62
772237	1-8-4	1	62
772239	1-4-8	1	62
772244	1-8-4	1	62
772246	4-1-8	1	62
772247	1-4-8	1	62
772249	4-8-1	1	62
772324	8-1-4	1	62
772326	8-4-1	1	62

Palazzoli code	Marks	Pack Qty	Catalogue page
772329	4-8-1	1	62
772334	4-1-8	1	62
772336	8-1-4	1	62
772337	8-1-4	1	62
772339	1-4-8	1	62
772344	1-8-4	1	62
772346	8-4-1	1	62
772347	4-8-1	1	62
772349	8-1-4	1	62
772434	8-1-4	1	62
772436	1-8-4	1	62
772437	1-8-4	1	62
772439	4-1-8	1	62
772444	1-8-4	1	62
772446	1-8-4	1	62
772447	8-1-4	1	62
772449	1-4-8	1	62
773124	8-4-1	1	63
773126	4-1-8	10	63
773129	4-1-8	1	63
773134	4-8-1	1	63
773136	8-4-1	1	63
773137	8-1-4	1	63
773139	4-8-1	1	63
773144	1-8-4	1	63
773146	4-8-1	1	63
773147	8-4-1	1	63
773149	4-8-1	1	63
773224	4-8-1	1	63
773226	4-1-8	1	63
773229	4-8-1	1	63
773233	4-8-1	1	63
773234	8-1-4	1	63
773236	8-1-4	1	63
773237	4-1-8	1	63
773239	8-4-1	1	63
773244	1-4-8	1	63
773246	1-8-4	1	63
773247	8-1-4	1	63
773249	8-1-4	1	63
773324	4-8-1	1	63
773326	1-8-4	1	63

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Palazzoli code	Marks	Pack Qty	Catalogue page
773329	4-8-1	1	63
773334	1-4-8	1	63
773336	1-4-8	1	63
773337	1-4-8	1	63
773339	4-1-8	1	63
773344	8-1-4	1	63
773346	4-8-1	1	63
773347	4-1-8	1	63
773349	1-4-8	1	63
773434	8-4-1	1	63
773436	1-4-8	1	63
773437	1-4-8	1	63
773439	4-1-8	1	63
773444	1-4-8	1	63
773446	1-8-4	1	63
773447	1-4-8	1	63
773449	1-4-8	1	63
776124	8-1-4	1	63
776126	8-1-4	1	63
776129	8-4-1	1	63
776134	1-4-8	1	63
776136	8-4-1	1	63
776137	8-4-1	1	63
776139	1-8-4	1	63
776144	8-1-4	1	63
776146	8-1-4	1	63
776147	1-8-4	1	63
776149	8-4-1	1	63
776224	8-4-1	1	63
776226	8-1-4	1	63
776229	8-4-1	1	63
776233	1-4-8	1	63
776234	4-1-8	1	63
776236	1-8-4	1	63
776237	1-4-8	1	63
776239	1-4-8	1	63
776244	8-1-4	1	63
776246	8-1-4	1	63
776247	8-1-4	1	63
776249	4-1-8	1	63
776324	8-4-1	1	63
776326	1-8-4	1	63

Palazzoli code	Marks	Pack Qty	Catalogue page
776329	8-1-4	1	63
776334	4-8-1	1	63
776336	1-4-8	1	63
776337	4-1-8	1	63
776339	1-4-8	1	63
776344	8-1-4	1	63
776346	8-1-4	1	63
776347	1-8-4	1	63
776349	1-4-8	1	63
776434	4-1-8	1	63
776436	4-1-8	1	63
776437	8-4-1	1	63
776439	8-4-1	1	63
776444	4-8-1	1	63
776446	1-4-8	1	63
776447	8-1-4	1	63
776449	1-4-8	1	63
779120	1-4	1	64
779121	1-4	1	64
779122	4-1	1	64
779123	1-4	1	64
779124	8-1-4	1	64
779126	8-4-1	1	64
779127	8-4-1	1	64
779128	1-4	1	64
779129	4-1-8	1	64
779130	4-1	1	64
779131	4-8-1	1	64
779132	1-4	1	64
779133	4-8-1	1	64
779134	8-1-4	1	64
779135	8-4-1	1	64
779136	8-1-4	1	64
779137	8-1-4	1	64
779138	1-4	1	64
779139	4-8-1	1	64
779140	4-1	1	64
779141	1-8-4	1	64
779142	1-4	1	64
779143	1-8-4	1	64
779144	4-1-8	1	64
779145	4-8-1	1	64

Palazzoli code	Marks	Pack Qty	Catalogue page
779146	1-8-4	1	64
779147	4-1-8	1	64
779149	4-1-8	1	64
779220	1-4	1	64
779221	4-1	1	64
779222	1-4	1	64
779223	1-4	1	64
779224	1-8-4	1	64
779226	1-8-4	1	64
779227	4-1-8	1	64
779228	1-4	1	64
779229	1-4-8	1	64
779230	1-4	1	64
779231	8-1-4	1	64
779232	1-4	1	64
779233	8-1-4	1	64
779234	1-4-8	1	64
779235	1-4-8	1	64
779236	8-1-4	1	64
779237	4-8-1	1	64
779238	1-4	1	64
779239	1-4-8	1	64
779240	4-1	1	64
779241	1-4-8	1	64
779242	1-4	1	64
779243	8-1-4	1	64
779244	1-4-8	1	64
779245	4-1-8	1	64
779246	8-4-1	1	64
779247	8-1-4	1	64
779249	1-4-8	1	64
779320	1-4	1	64
779321	4-1	1	64
779322	1-4	1	64
779323	1-4	1	64
779324	4-1-8	1	64
779326	8-4-1	1	64
779327	1-4-8	1	64
779328	1-4	1	64
779329	1-4-8	1	64
779330	4-1	1	64
779331	4-8-1	1	64

Palazzoli code	Marks	Pack Qty	Catalogue page
779332	4-1	1	64
779333	8-1-4	1	64
779334	8-4-1	1	64
779335	4-8-1	1	64
779336	4-8-1	1	64
779337	1-4-8	1	64
779338	1-4	1	64
779339	1-8-4	1	64
779340	4-1	1	64
779341	4-1-8	1	64
779342	4-1	1	64
779343	4-8-1	1	64
779344	8-4-1	1	64
779345	8-4-1	1	64
779346	4-8-1	1	64
779347	4-8-1	1	64
779349	4-8-1	1	64
779420	8-4-1	1	64
779421	8-4-1	1	64
779422	1-4-8	1	64
779423	4-1-8	1	64
779424	1-4-8	1	64
779426	8-1-4	1	64
779427	1-8-4	1	64
779428	8-1-4	1	64
779429	4-1-8	1	64
779430	1-4-8	1	64
779431	8-4-1	1	64
779432	8-4-1	1	64
779433	8-1-4	1	64
779434	8-4-1	1	64
779435	1-8-4	1	64
779436	1-8-4	1	64
779437	4-8-1	1	64
779438	8-1-4	1	64
779439	4-1-8	1	64
779440	1-4-8	1	64
779441	1-8-4	1	64
779442	4-8-1	1	64
779443	8-1-4	1	64
779444	1-4-8	1	64
779445	8-4-1	1	64

Palazzoli code	Marks	Pack Qty	Catalogue page
779446	1-8-4	1	64
779447	4-1-8	1	64
779449	8-1-4	1	64
791002		5	151
791207		1	151
791208		1	151
791209		1	151
791210		1	151
791234		5	151
791236		1	151
8			
800061	4-8-1	6	202
800062	1-4-8	6	202
800063	8-1-4	6	202
800064	8-1-4	6	202
800071	1-4-8	1	206
800072	4-1-8	1	206
800073	4-8-1	1	206
800074	8-4-1	1	206
800091		10	432
800092		10	432
800093		10	432
800094		10	432
800121	1-4	1	209
800122	4-1	1	209
800123	1-4	1	209
810020	1-4-12-5	1	333
810020HT	12-4-5-1	1	333
810021	12-5-4-1	1	333
810021HT	5-4-12-1	1	333
810022	4-5-12-1	1	333
810050	5-4-12-1	1	333
810050HT	12-5-4-1	1	333
810051	12-5-1-4	1	333
810051HT	5-12-1-4	1	333
810052	5-4-1-12	1	333
810060		1	359
810071	1-4	1	358
810080	1-4-5-12	1	333
810080HT	5-1-4-12	1	333
810081	1-12-4-5	1	333
810081HT	4-5-12-1	1	333

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
810082	5-1-12-4	1	333
810090	12-5-4-1	1	333
810090HT	1-4-5-12	1	333
810091	5-1-4-12	1	333
810091HT	12-4-5-1	1	333
810092	1-4-5-12	1	333
810100		1	359
810120	1-4-5-12	1	333
810150	4-1-5-12	1	333
810171	1-4	1	358
810180	12-1-4	1	333
810190	4-1-12	1	333
810200		1	359
810226	12-5-4-1	1	317
810256	12-1-4-5	1	317
810271	4-1	1	358
810286	4-12-5-1	1	317
810296	5-1-12-4	1	317
810430DA	5-1-4	1	331
810430EX	1-10-6	1	389
810430HT	1-4-5	1	331
810431DA	5-1-4	1	331
810431EX	10-1-6	1	389
810431HT	1-5-4	1	331
810432DA	1-5-4	1	331
810433DA	5-4-1	1	331
810440DA	4-5-1	1	331
810440EX	6-10-1	1	389
810440HT	4-1-5	1	331
810441DA	1-4-5	1	331
810441EX	6-10-1	1	389
810441HT	4-5-1	1	331
810442DA	5-4-1	1	331
810443DA	1-4-5	1	331
810450DA	4-1	1	331
810450EX	10-6-1	1	389
810450HT	1-4	1	331
810451DA	1-4	1	331
810451EX	1-6-10	1	389
810451HT	4-1	1	331
810452DA	1-4	1	331
810453DA	1-5-4	1	331

Palazzoli code	Marks	Pack Qty	Catalogue page
810460DA	1-4	1	331
810460EX	1-6-10	1	389
810460HT	1-4	1	331
810461DA	1-4	1	331
810461EX	1-6-10	1	389
810461HT	1-4	1	331
810462DA	4-5-1	1	331
810463DA	1-5-4	1	331
810630DA	5-4-1	1	331
810631DA	5-4-1	1	331
810640DA	1-4-5	1	331
810641DA	4-1-5	1	331
810650DA	5-1-4	1	331
810651DA	4-1-5	1	331
810660DA	1-4-5	1	331
810661DA	1-4-5	1	331
810991	1-4	1	334
810992	1-4	1	334
810993		1	317-317
810994		1	334-389
810995		1	334-389
810996		1	334-389
810997		1	334-389
810998		1	334-389
810999		1	334-389
811060		1	359
811071	4-1	1	358
811100		1	359
811171	1-4	1	358
811200		1	359
811271	4-1	1	358
811404	5-1	1	409
811406	1-5	1	409
811408	5-1	1	409
811409	1	1	409
811412	1-5	1	409
811414	5-1	1	409
811415	1	1	409
811504	1-4	1	409
811506	1-4	1	409
811508	1-4	1	409
811509	5-4-1	1	409

Palazzoli code	Marks	Pack Qty	Catalogue page
811512	1-5-4	1	409
811514	4-1	1	409
811515	1-5-4	1	409
811900		1	410
811901		1	410
811902		1	410
811903		1	410
811904		1	410
811905		1	410
811906		1	410-410
811908		1	307-317-369-375
811911		1	307-369-375
811912		1	307-369-375
811914		1	307-369-375
811916		1	340-385
811919		1	340-385
811920		1	340-385
811921		1	340-385
811923	4-1	1	340
811924	1-4	1	340
811925		1	410
811926		1	410
811927		1	410
811928		1	410
811929		1	410
811930		1	410
811931		1	411
811932		1	411
811933		1	411
811934		1	411
811935		1	411
811936		1	411
811937		1	411
811938		1	411
811939		1	411
811940		1	411
811941		1	411
811942		1	411
811943		1	411
811944		1	411
811945		1	411
811946		1	411

Palazzoli code	Marks	Pack Qty	Catalogue page
811947		1	411
811948		1	411
812060		1	359
812071	4-1	1	358
812100		1	359
812171	4-1	1	358
812200		1	359
812271	1-4	1	358
812418	1-5	1	409
812424	1-5	1	409
812430	1-5	1	409
812436	1-5	1	410
812442	5-1	1	410
812448	1-5	1	410
812518	4-5-1	1	409
812524	5-1-4	1	409
812530	5-4-1	1	409
812536	5-1-4	1	410
812542	1-5-4	1	410
812548	1-4-5	1	410
812931L		1	411
812931M		1	411
812932L		1	411
812932M		1	411
812933L		1	411
812933M		1	411
812934L		1	411
812934M		1	411
812935L		1	411
812935M		1	411
812936L		1	411
812936M		1	411
812937L		1	411
812937M		1	411
812938L		1	411
812938M		1	411
812939L		1	411
812939M		1	411
812940L		1	411
812940M		1	411
812941L		1	411
812941M		1	411

Palazzoli code	Marks	Pack Qty	Catalogue page
812942L		1	411
812942M		1	411
812943L		1	411
812943M		1	411
812944L		1	411
812944M		1	411
812945L		1	411
812945M		1	411
812946L		1	411
812946M		1	411
812947L		1	411
812947M		1	411
812948L		1	411
812948M		1	411
812988	1-4	1	358
813001	1	1	420
813060		1	359
813071	1-4	1	358
813100		1	359
813101		1	420
813171	1-4	1	358
813200		1	359
813271	1-4	1	358
814052		1	358-425
815161		1	425
817021EX		1	369
817022EX		1	369
817023EX		1	369
817024EX		1	369
817031EX		1	385
817032EX		1	385
817033EX		1	385
817034EX		1	385
817221EX		1	369
817222EX		1	369
817223EX		1	369
817224EX		1	369
817304	12-5-1-4	1	339
817304DA	1-4-12-5	1	339
817304HT	5-12-4-1	1	339
817305	12-1-4-5	1	339
817308	1-4-12-5	1	339

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Palazzoli code	Marks	Pack Qty	Catalogue page
817308DA	4-12-5-1	1	339
817308HT	5-1-4-12	1	339
817309	12-1-5-4	1	339
817312	12-1-5-4	1	339
817312DA	12-1-4-5	1	339
817312HT	5-12-4-1	1	339
817313	4-5-12-1	1	339
817316	4-1-5-12	1	339
817316DA	12-1-5-4	1	339
817316HT	5-4-1-12	1	339
817317	12-4-5-1	1	339
817320	4-5-1-12	1	339
817320DA	5-4-12-1	1	339
817320HT	1-5-4-12	1	339
817321	12-1-5-4	1	339
817324	1-12-4-5	1	339
817324DA	1-5-4-12	1	339
817324HT	1-12-4-5	1	339
817325	4-1-5-12	1	339
817354	5-12-4-1	1	339
817358	12-5-4-1	1	339
817362	1-5-12-4	1	339
817366	12-1-5-4	1	339
817370	1-5-4-12	1	339
817374	5-12-4-1	1	339
817404	12-1-4-5	1	339
817408	12-1-5-4	1	339
817412	4-1-5-12	1	339
817416	4-5-1-12	1	339
817420	12-5-4-1	1	339
817424	12-5-1-4	1	339
817454	1-4-12-5	1	339
817458	1-4-5-12	1	339
817462	12-4-1-5	1	339
817466	12-1-4-5	1	339
817470	1-4-12-5	1	339
817474	12-4-1-5	1	339
817504	1-5-4-12	1	339
817508	5-1-4-12	1	339
817512	1-4-12-5	1	339
817516	12-5-4-1	1	339
817520	4-1-12-5	1	339

Palazzoli code	Marks	Pack Qty	Catalogue page
817524	5-12-4-1	1	339
818021EX		1	373
818022EX		1	373
818023EX		1	373
818024EX		1	373
818031EX		1	387
818032EX		1	387
818033EX		1	387
818034EX		1	387
818221EX		1	373
818222EX		1	373
818223EX		1	373
818224EX		1	373
818905		1	307-315-317-326-334-340-347
818990		1	315-373-377
818991		1	315-373-377
818992		1	315-373-377
818993		1	315
819001		1	435
819012		1	359-425
819015		1	359
819017		1	359
819018		1	359
819019		1	359
819020		1	359
819022		1	359-426
819030		1	359-426
819040		1	435
819055		20	434
819056		10	434
819112		1	359
819120		1	359
819130		1	359-426
819140		1	435
819160		1	435
819212		1	359
819220		1	359
819230		1	359-426
819328DA	1-5-4	1	345
819332DA	4-1-5	1	345
819340DA	4-5-1	1	346
819348DA	5-4-1	1	346

Palazzoli code	Marks	Pack Qty	Catalogue page
819428HT	1-4-5	1	345
819432HT	4-1-5	1	345
819440HT	5-1-4	1	346
819448HT	4-1-5	1	346
819528DA	5-4-1	1	345
819528VHT	1-4	1	345
819532DA	5-1-4	1	345
819532VHT	1-4	1	345
819540DA	4-1-5	1	346
819540VHT	4-1	1	346
819548DA	1-5-4	1	346
819548VHT	4-1	1	346
819994		1	347-387
819995		1	347
819996		1	347
819997		1	347
820000		1	355-393
820001		1	355-393
820002		1	355
820003		1	355
820006		1	355-393
820007		1	419-423
820010		1	326-391
820011		1	326-391
820016		1	326-391
820017		1	326-391
820018		1	326-391
820019		1	326-391
820020		1	434
820021		1	434
820022		1	434
820030		1	434
820031		1	434
820032		1	434
820382	4-1-5-12	1	325
820392EX	6-10-1	1	383
820482	1-5-12-4	1	325
820492EX	6-10-1	1	383
820582	1-4-12-5	1	325
821172EX	1-10-6	1	381
821180	12-4-1	1	323
821182	12-5-4-1	1	323

Palazzoli code	Marks	Pack Qty	Catalogue page
821183	1-12-4	1	323
821184	4-1-7	1	326-355
821190EX	6-1-10	1	383
821192EX	6-10-1	1	383
821193EX	6-1-10	1	383
821270EX	1-6-10	1	381
821272EX	10-6-1	1	381
821273EX	10-1-6	1	381
821280	1-12-4	1	323
821282	12-5-1-4	1	323
821283	4-12-1	1	323
821290EX	1-10-6	1	383
821292EX	1-6-10	1	383
821293EX	1-6-10	1	383
821372EX	10-1-6	1	381
821380	12-1-4	1	325
821382	12-1-5-4	1	324
821382DA	12-1-4-5	1	324
821382HT	4-1-12-5	1	325
821383	1-12-4	1	325
821384	4-1-7	1	326-355
821390EX	10-6-1	1	383
821392EX	10-6-1	1	383
821393EX	10-1-6	1	383
821470EX	6-1-10	1	381
821472EX	1-6-10	1	381
821473EX	10-6-1	1	381
821480	4-1-12	1	325
821482	5-4-12-1	1	324
821482DA	12-1-4-5	1	324
821482HT	12-4-5-1	1	325
821483	4-12-1	1	325
821490EX	6-1-10	1	383
821492EX	6-1-10	1	383
821493EX	6-10-1	1	383
821572EX	10-1-6	1	381
821580	1-4-12	1	325
821582	12-1-4-5	1	324
821582DA	5-12-1-4	1	324
821582HT	1-12-4-5	1	325
821583	1-4-12	1	325
821670EX	6-10-1	1	381

Palazzoli code	Marks	Pack Qty	Catalogue page
821672EX	10-1-6	1	381
821673EX	10-1-6	1	381
821682	4-12-1	1	323
821770EX	10-1-6	1	381
821772EX	10-6-1	1	381
821773EX	6-1-10	1	381
821782	5-12-1-4	1	324
822131	1-4	1	355
822131EX	1-10-6	1	393
822132	4-1	1	355
822132EX	10-1-6	1	393
822181EX	6-10-1-10	1	391
822182	1-4-12-5	1	323
822182EX	10-6-1-10	1	391
822211	1	1	355
822231	4-1	1	355
822231EX	6-1-10	1	393
822232	4-1	1	355
822232EX	10-1-6	1	393
822281EX	1-10-6-10	1	391
822282	1-4-12-5	1	323
822282EX	10-10-1-6	1	391
822382	1-5-12-4	1	324
822482	4-5-1-12	1	324
822582	4-5-1-12	1	324
822682	1-4-12-5	1	323
822782	4-5-1-12	1	324
822962	4-1	1	355
825132	4-1	1	355
825211	1	1	355
825232	4-1	1	355
825382	5-4-1-12	1	325
825482	12-1-4-5	1	325
825582	4-1-5-12	1	325
826182	1-4-5-12	1	323
826282	4-5-1-12	1	323
826380	1-4-12	1	325
826382	4-1-12-5	1	324
826382DA	12-1-4-5	1	324
826382HT	5-1-4-12	1	325
826383	12-4-1	1	325
826480	12-4-1	1	325

Marks: 1=CE CE 2=IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

Palazzoli code	Marks	Pack Qty	Catalogue page
826482	12-4-1-5	1	324
826482DA	12-5-1-4	1	324
826482HT	12-4-5-1	1	325
826483	12-1-4	1	325
826580	12-4-1	1	325
826582	4-1-5-12	1	324
826582DA	12-5-1-4	1	324
826582HT	1-4-5-12	1	325
826583	12-4-1	1	325
829001		1	413
829002		1	413
829003		1	413
829101		1	413
829102		1	413
829103		1	413
829110	1-4	1	413
829120	1-4	1	413
829130	1-4	1	413
829201		1	413
829202		1	413
829203		1	413
829211		1	413
829212		1	413
829221		1	413
829222		1	413
829231		1	413
829232		1	413
829233		1	413
829311		1	413
829312		1	413
829321		1	413
829322		1	413
829331		1	413
829332		1	413
829333		1	413
830071	1-7-4	1	357
830072	4-7-1	1	357
830072EX	1-10	1	395
830512		1	434
831071	7-1-4	1	357
831072	7-4-1	1	357
831072EX	1-10	1	395
831075	1-7-4	1	357
831089		1	425
831091	4-7-1	1	357
831092	1-4-7	1	357
831095	1-4-7	1	357
831171	4-1-7	1	357
831172	1-7-4	1	357
831172EX	10-1	1	395
831175	4-7-1	1	357
831189		1	425
831191	7-1-4	1	357
831192	1-4-7	1	357
831195	7-1-4	1	357
831271	4-1-7	1	357
831272	4-7-1	1	357
831272EX	1-10	1	395
831275	4-1-7	1	357
831289		1	425
831291	4-7-1	1	357
831292	7-4-1	1	357
831295	4-7-1	1	357
831512		1	434
831513		1	306
831527		1	425
831540		1	434
831612		1	434
831627		1	425
831640		1	434-435
831712		1	434
831727		1	425
831740		1	434
831914	1-4	1	357
831934	1-4	1	357
831954	1-4	1	357
833120MV	1-4	1	403
833121MV	1-4	1	403
833130MV	1-4	1	403
833131MV	1-4	1	403
833220MV	4-1	1	403
833221MV	1-4	1	403
833230MV	1-4	1	403
833231MV	1-4	1	403
833320MV	1-4	1	404
833321MV	4-1	1	404
833330MV	4-1	1	404
833331MV	1-4	1	404
833420MV	4-1	1	404
833421MV	4-1	1	404
833430MV	4-1	1	404
833431MV	1-4	1	404
833520MV	1-4	1	404
833521MV	1-4	1	404
833530MV	4-1	1	404
833531MV	4-1	1	404
833620MV	1-4	1	404
833621MV	1-4	1	404
833630MV	1-4	1	404
833631MV	4-1	1	404
834110	4-1	1	403
834110MV	4-1	1	403
834111	4-1	1	403
834111MV	4-1	1	403
834120	4-1	1	403
834120MV	4-1	1	403
834121	4-1	1	403
834121MV	1-4	1	403
834130	4-1	1	403
834130MV	4-1	1	403
834131	1-4	1	403
834131MV	1-4	1	403
834210	1-4	1	403
834210MV	4-1	1	403
834211	4-1	1	403
834211MV	4-1	1	403
834220	1-4	1	403
834220MV	4-1	1	403
834221	4-1	1	403
834221MV	1-4	1	403
834230	4-1	1	403
834230MV	4-1	1	403
834231	1-4	1	403
834231MV	4-1	1	403
834310	4-1	1	404
834310MV	1-4	1	404
834311	1-4	1	404
834311MV	1-4	1	404
834320	1-4	1	404
834320MV	4-1	1	404
834321	1-4	1	404
834321MV	4-1	1	404
834330	1-4	1	404
834330MV	1-4	1	404
834331	1-4	1	404
834331MV	1-4	1	404
834410	4-1	1	404
834410MV	4-1	1	404
834411	4-1	1	404
834411MV	1-4	1	404
834420	4-1	1	404
834420MV	1-4	1	404
834421	1-4	1	404
834421MV	4-1	1	404
834430	4-1	1	404
834430MV	4-1	1	404
834431	1-4	1	404
834431MV	1-4	1	404
834510	1-4	1	404
834510MV	4-1	1	404
834511	1-4	1	404
834511MV	1-4	1	404
834520	4-1	1	404
834520MV	4-1	1	404
834521	4-1	1	404
834521MV	1-4	1	404
834530	4-1	1	404
834530MV	4-1	1	404
834531	4-1	1	404
834531MV	4-1	1	404
834610MV	1-4	1	404
834611MV	1-4	1	404
834620MV	1-4	1	404
834621MV	1-4	1	404
834630MV	4-1	1	404
834631MV	4-1	1	404
834901		1	405
834902		1	405
834903		1	405
836001		1	351
836002		1	351
836101		1	353
836102		1	353
836103		1	353
837011	1-4	1	305
837012	4-1	1	305
837013	4-1	1	305
837021EX		1	375
837022EX		1	375
837023EX		1	375
837024	1-4	1	305
837024EX	1-10-6	1	375
837025	1-4	1	305
837111	4-1	1	305
837112	4-1	1	305
837113	4-1	1	305
837124	4-1	1	305
837125	4-1	1	305
837211	4-1	1	305
837212	4-1	1	305
837213	4-1	1	305
837221EX		1	375
837222EX		1	375
837223EX		1	375
837224	4-1	1	305
837224EX		1	375
837225	1-4	1	305
837311	4-1	1	306
837312	1-4	1	306
837313	1-4	1	306
837324	1-4	1	306
837325	1-4	1	306
837411	1-4	1	306
837412	4-1	1	306
837413	1-4	1	306
837424	4-1	1	306
837425	1-4	1	306
837511	1-4	1	306
837512	1-4	1	306
837524	4-1	1	306

Certifications and marking of Palazzoli codes are in continuous development. Please visit the www.palazzoli.com website to view any updates.

Palazzoli code	Marks	Pack Qty	Catalogue page
837525	4-1	1	306
837711	1-4	1	305
837712	4-1	1	305
837713	4-1	1	305
837724	4-1	1	305
837725	1-4	1	305
838012DA	1-5-4	1	314
838014DA	1-5-4	1	314
838021EX		1	377
838022EX		1	377
838023EX		1	377
838024EX		1	377
838036DA	4-5-1	1	311
838048DA	5-1-4	1	311
838060DA	5-1-4	1	312
838072DA	5-4-1	1	312
838096DA	1-4-5	1	313
838112DA	4-5-1	1	314
838114DA	1-5-4	1	314
838136DA	1-4-5	1	311
838148DA	5-4-1	1	311
838160DA	1-5-4	1	312
838172DA	1-4-5	1	312
838196DA	1-5-4	1	313
838212DA	1-5-4	1	314
838214DA	1-5-4	1	314
838221EX		1	377
838222EX		1	377
838223EX		1	377
838224EX		1	377
838236DA	1-4-5	1	311
838248DA	4-1-5	1	311
838260DA	5-4-1	1	312
838272DA	4-1-5	1	312
838296DA	4-1-5	1	313
838312DA	5-4-1	1	314
838314DA	4-5-1	1	314
838336DA	1-4-5	1	311
838348DA	5-4-1	1	311
838360DA	4-5-1	1	312
838372DA	1-4-5	1	312
838396DA	1-4-5	1	313

Palazzoli code	Marks	Pack Qty	Catalogue page
838512DA	4-5-1	1	314
838514DA	1-4-5	1	314
838536DA	4-1-5	1	311
838548DA	5-1-4	1	311
838560DA	4-1-5	1	312
838572DA	5-4-1	1	312
838596DA	1-5-4	1	313
838712DA	5-1-4	1	314
838714DA	1-5-4	1	314
838736DA	1-5-4	1	311
838748DA	5-1-4	1	311
838760DA	1-4-5	1	312
838772DA	4-1-5	1	312
838796DA	5-1-4	1	313
840382	4-1-12-5	1	325
840392EX	1-10-6	1	383
840482	5-1-12-4	1	325
840492EX	10-6-1	1	383
840582	12-5-1-4	1	325
841011	4-1	1	423
841040	1	1	420
841062	3-4-1	1	423
841141	4-1-3	1	419
841142	3-4-1	1	419
841171	1-4	1	419
841182	1-5-12-4	1	323
841192EX	10-1-6	1	383
841243	4-3-1	1	419
841273	4-1	1	419
841282	4-5-1-12	1	323
841292EX	6-1-10	1	383
841382	5-12-1-4	1	324
841392EX	10-6-1	1	383
841411	1-4	1	423
841462	1-3-4	1	423
841482	5-4-12-1	1	324
841492EX	6-10-1	1	383
841562	4-1-3	1	423
841582	1-4-5-12	1	324
841682	1-5-12-4	1	323
841782	1-4-5-12	1	324
842180	1-4	1	323

Palazzoli code	Marks	Pack Qty	Catalogue page
842182	1-12-4-5	1	323
842280	1-4	1	323
842282	12-5-4-1	1	323
842380	4-1	1	324
842382	4-1-12-5	1	324
842482	12-4-1-5	1	324
842682	1-4	1	323
842582	5-4-1-12	1	324
842782	4-1-12-5	1	324
845382	12-5-4-1	1	325
845482	1-4-5-12	1	325
845582	12-1-4-5	1	325
846182	12-1-5-4	1	323
846282	4-5-12-1	1	323
846382	5-12-4-1	1	324
846482	4-1-12-5	1	324
846582	5-12-1-4	1	324
847132	4-1	1	355
847211	1	1	355
847232	4-1	1	355
849011	1-4	1	423
849062	1-3-4	1	423
849141	4-3-1	1	419
849142	1-4-3	1	419
849171	4-1	1	419
849172	1-4	1	419
849243	4-1-3	1	419
849273	4-1	1	419
849411	1-4	1	423
849462	4-1-3	1	423
849511	1-4	1	423
849562	4-3-1	1	423
850045		1	425
850050		1	426
850054		2	425
850060		1	359-425
850061		1	359-425
850062		1	359-425
850063		1	359-425
850064		1	359-425
850080		1	435
850090		1	426

Palazzoli code	Marks	Pack Qty	Catalogue page
850091		1	426
850143		1	425
850172		1	359-426
854110MV	4-1	1	403
854111MV	4-1	1	403
854120MV	4-1	1	403
854121MV	1-4	1	403
854130MV	1-4	1	403
854131MV	4-1	1	403
854210MV	4-1	1	403
854211MV	1-4	1	403
854220MV	1-4	1	403
854221MV	4-1	1	403
854230MV	4-1	1	403
854231MV	4-1	1	403
854310MV	1-4	1	404
854311MV	4-1	1	404
854320MV	4-1	1	404
854321MV	1-4	1	404
854330MV	4-1	1	404
854331MV	1-4	1	404
854410MV	1-4	1	404
854411MV	4-1	1	404
854420MV	4-1	1	404
854421MV	1-4	1	404
854430MV	4-1	1	404
854431MV	4-1	1	404
854510MV	4-1	1	404
854511MV	1-4	1	404
854520MV	1-4	1	404
854521MV	4-1	1	404
854530MV	1-4	1	404
854531MV	1-4	1	404
854610MV	4-1	1	404
854611MV	1-4	1	404
854620MV	1-4	1	404
854621MV	4-1	1	404
854630MV	1-4	1	404
854631MV	1-4	1	404
859180		1	435
859188		10	435
859400		1	359-426

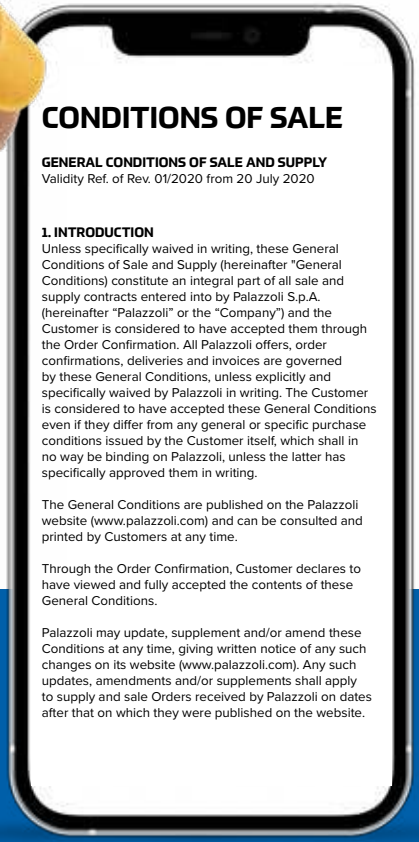
Palazzoli code	Marks	Pack Qty	Catalogue page
859412		1	357-425
878141	4-1-3	1	419
878142	3-4-1	1	419
878243	4-1-3	1	419
878741	1-4-3	1	419
878742	4-3-1	1	419
879062	3-4-1	1	423
879462	4-1-3	1	423
879562	1-4-3	1	423
881062	4-1-3	1	423
881562	1-3-4	1	423
9			
900253	4-1	1	210
900259		1	432
900263	4-1	1	210
900269		1	432
900273	1-4	1	210
900279		1	432
900448		1	210
900449	1	1	261
900453	1-4	1	210
900453EX	10-6-1-8	1	261
900459		1	432
900463	4-1	1	210
900463EX	6-10-1-8	1	261
900469		1	432
900473	1-4	1	210
900473EX	8-10-6-1	1	261
900479		1	432

Marks: 1=CE CE 2=IMQ IMQ 3=RINA R.i.na. 4=UKCA UKCA 5=ENEC ENEC 6=ECEX ECEX 7=DEKRA DEKRA 8=RETIE RETIE 9=KEMA KEMA 10=EX EX 11=SII-Israel SII-Israel 12=EAC EAC

GENERAL TERMS AND CONDITIONS OF SALE AND SUPPLY



To view the terms and conditions of the contracts scan the **QR code.**



CONDITIONS OF SALE

GENERAL CONDITIONS OF SALE AND SUPPLY
Validity Ref. of Rev. 01/2020 from 20 July 2020

1. INTRODUCTION
Unless specifically waived in writing, these General Conditions of Sale and Supply (hereinafter "General Conditions) constitute an integral part of all sale and supply contracts entered into by Palazzoli S.p.A. (hereinafter "Palazzoli" or the "Company") and the Customer is considered to have accepted them through the Order Confirmation. All Palazzoli offers, order confirmations, deliveries and invoices are governed by these General Conditions, unless explicitly and specifically waived by Palazzoli in writing. The Customer is considered to have accepted these General Conditions even if they differ from any general or specific purchase conditions issued by the Customer itself, which shall in no way be binding on Palazzoli, unless the latter has specifically approved them in writing.

The General Conditions are published on the Palazzoli website (www.palazzoli.com) and can be consulted and printed by Customers at any time.

Through the Order Confirmation, Customer declares to have viewed and fully accepted the contents of these General Conditions.

Palazzoli may update, supplement and/or amend these Conditions at any time, giving written notice of any such changes on its website (www.palazzoli.com). Any such updates, amendments and/or supplements shall apply to supply and sale Orders received by Palazzoli on dates after that on which they were published on the website.

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Palazzoli

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Brescia Chamber of Commerce REA no. 356562
Brescia Register of Companies no. 04452750484
Mechanised processing code BS 058237
Share Capital 5,096,000 Euro fully paid-up
IQNET ISO 9001:2008

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SISTEMI ELETTRICI E LUCE D'AUTORE