

Palazzoli

General Catalogue



2019/2020



BOARDS AND BOXES

For standard and heavy-duty applications



TAIS CUBE

distribution and automation
boards in thermosetting GRP

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UNIBOX

universal boxes
in aluminium

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TAIS CUBE



GOOD DESIGN
INTERNATIONAL AWARD



TAIS CUBE

Resistant to everything thanks to the Palazzoli thermosetting GRP



TAIS Cube has a very high protection rating, IP66. This feature, certified in a laboratory with a 100 l/min water jet test, guarantees the product against strong water jets.



The steel frame allows to easily mount modular devices and trunking, and to comfortably wire everything on the bench, out of the board. The wired frame can then be easily inserted inside the board. The material of which it is made guarantees robustness and durability over time.



The unique product design provides a wide and spacious enclosure. As a consequence the back plate and door (choose from blind or transparent) offer 15% of extra space available if compared with similar sizes of the major competitors.



The door hinges, made of steel and nickel-plated brass, are located far from the edges to avoid breakage in the case of impact.

Suitable for thermal power plants, cement plants, mineral oil extraction plants, nuclear plants and laboratories, commercial and exhibition activities, airports, photovoltaic installations, railway and underground facilities.



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

THE REVOLUTIONARY



QUICK COUPLING SYSTEM



fitting the springs

assembling the frame

fitting the frame



AUTOMATION			DISTRIBUTION					
								
Back plate in steel	Back plate in thermosetting GRP	Inner door in thermosetting GRP	Click Cube functional frame	Click Cube windowed panel	Click Cube blind panel	Click Cube double blind panel	Click Cube DIN rail	Click Cube partial steel plate
550601	550621	-	-	-	-	-	-	-
550602	550622	550502	550562	550522	550542	550552	550582	550632
550603	550623	550503	550563	550523	550543	550553	550583	550633
550604	550624	550504	550564					
550605	550625	550505		550525	550545	550555	550585	550635
550606	550626	550506	550566	550526	550546	550556	550586	550636
550607	-	550507	550567	550527	550547	550557	550587	550637

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 series distribution and automation boards are a range of products in Palazzoli thermosetting GRP for heavy-duty applications with IP66 protection rating and resistant to UV rays. The system is composed of 7 sizes in each version with blind or transparent door.

The accessories to use the board in typical configurations of automation are the back plate in steel sheet or in thermosetting GRP and the inner door in thermosetting GRP, equipped with opening handles and that can be installed at two different positions and fixed on both sides. In the distribution configuration, the steel frame allows for modular compositions with blind and windowed panels, depth-adjustable DIN rails and partial back plates. All elements are simply fixed with the "Click Cube" snap-in system.

The wiring can be performed on the bench or directly inside the distribution board.

The door is fixed to the back box with elements in nickel-plated brass and stainless steel located far from the edges and that allow an opening wider than 180°.

WEB - TAIS CUBE

The website dedicated to the distribution and automation boards of the TAIS CUBE series is available at www.palazzoli.com



Compliance with standards	IEC/EN 62208
Material	Palazzoli thermosetting GRP
Protection rating (IP according to IEC/EN 60529)	IP66
Colour	RAL7035
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	960°C
Flammability rating (according to UL94)	V0
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Rated frequency	0 - 1000 Hz
Rated voltage AC	1000 Vac
Rated voltage DC	1500 Vcc
Rated impulse seal voltage	8kV
Maximum short-circuit current Icc	35kA
Insulation class	II □
Storage temperature	-50°C - +90°C
Operating temperature	-30°C - +90°C



Resistance to chemical agents

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLORO-ETHYLENE	BENZENE
↑	↑	→	↑	↑	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Legend: ↑ high resistance → partial resistance



**Distribution boards
in thermosetting GRP
with blind door
IP66**

Size	Outer dimensions (mm)	Usable inner dimensions (mm)	No-load power dissipation (W)	Palazzoli code	Pack Qty
1	260x305x160	200x250x100	53	550001	1
2	340x430x180	280x375x120	90	550002	1
3	450x505x220	390x450x160	138	550003	1
4	450x655x220	390x600x160	174	550004	1
5	560x655x260	500x600x200	217	550005	1
6	630x810x300	570x750x235	302	550006	1
7	850x1060x350	790x1000x290	506	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	-	53	550031	1
2	340x430x180	36 (3x12)	90	550032	1
3	450x505x220	54 (3x18)	138	550033	1
4	450x655x220	72 (4x18)	174	550034	1
5	560x655x260	96 (4x24)	217	550035	1
6	630x810x300	140 (5x28)	302	550036	1
7	850x1060x350	200 (5x40)	506	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: complete with screws for mounting.



**Back plates
in thermosetting GRP**

Size	Dimensions (mm)	Palazzoli code	Pack Qty
1	180x240	550621	5
2	260x370	550622	5
3	370x445	550623	5
4	370x595	550624	1
5	475x595	550625	1
6	550x745	550626	1

Equipment included: complete with screws for mounting.



**Click Cube 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.



Click Cube 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: complete with springs for fastening to the distribution board.
Features: it allows the wiring of the modular panels outside of the board and the installation of DIN rails at different heights.



Click Cube 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.



Click Cube front blind panels at single height

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.



Click Cube front blind panels at double height

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.



Click Cube reinforced DIN rails for 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

Equipment included: complete with screws for mounting.



Click Cube height-adjustable steel partial plates

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

Equipment included: complete with screws for mounting.



Set of **brackets**
for wall-mounting

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.



Distribution board kit
with frame windowed panels
and DIN rails

Size	No. of DIN modules	Palazzoli code	Pack Qty
2	36 (3x12)	550042	1
3	54 (3x18)	550043	1
4	72 (4x18)	550044	1
5	96 (4x24)	550045	1
6	140 (5x28)	550046	1
7	200 (5x40)	550047	1



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.



Click Cube brackets
for fixing the cable ducts

No. of brackets	Material	Palazzoli code	Pack Qty
8	steel	550648	1

Equipment included: complete with screws for mounting.

Notes: for all frame sizes. Suitable for cable ducts, max height 40mm.



Click Cube 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).

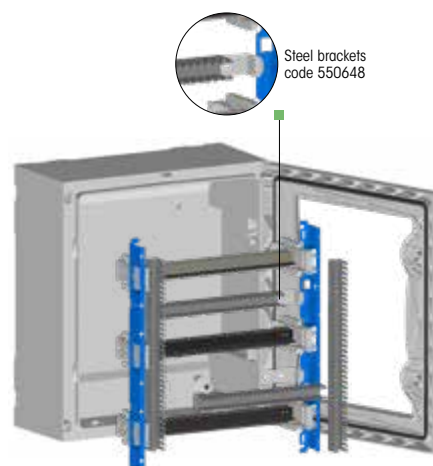
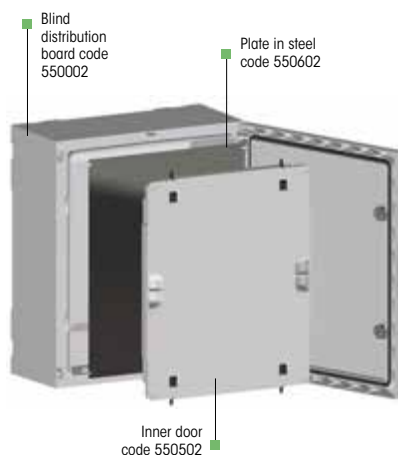
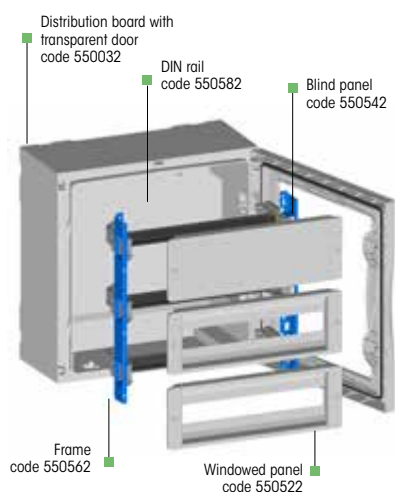
The adaptors can also be used as spacers for the back plates.



Security lock
with handle

No. of keys	Material	Palazzoli code	Pack Qty
2	steel	550680	10

Features: closing with Yale code key.

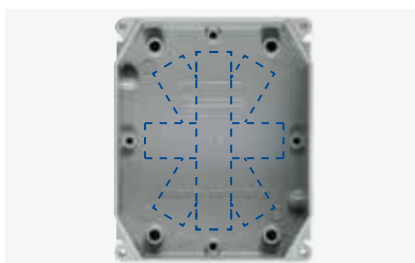


UNIBOX



Easy to be installed

Thanks to the screw seats perpendicular to the screwdriver.



Multifunction

Thanks to the complete set of supports.



IP66 and IP67

Thanks to the external location of the earthing and the hot-poured sealing applied in the cover.



UNIBOX universal boxes in aluminium alloy are suitable for environments with aggressive atmosphere present. Back box and cover are treated with ecological anticorrosion passivation with fluoro-zirconium treatment and finished with hot polymerised scratch-resistant non-toxic polyester painting.

They are supplied with blind door and with a watertight cover that guarantees the IP66/IP67 double protection rating thanks to the integrated gasket.

Compliance with standards	IEC/EN 62208 IEC/EN 60670-1
Material	Aluminium alloy
Surface treatment	Passivation with fluoro-zirconium treatment
Paint	Hot-polymerised non-toxic polyester
Protection rating (IP according to IEC/EN 60529)	IP66/IP67
Colour	RAL7042 light hammer finish
Impact resistance (IK rating according to IEC/EN 62262)	IK08
Insulation class	I
Storage temperature	-50°C - +90°C
Operating temperature	-40°C - +90°C



Junction boxes
in aluminium alloy
IP66/IP67

Box type	Dimensions (mm)		Palazzoli code	Pack Qty
	external	internal		
UNI B9	100x100x59	88x88x44	520009	30
UNI B11	140x115x60	128x103x46	520011	20
UNI B12	166x141x64	153x128x49	520012	20
UNI B14	192x168x80	176x152x65	520014	10
UNI B19	253x217x93	236x201x75	520019	1
UNI B20	314x264x122	292x243x104	520020	1
UNI B21	410x315x150	386x291x126	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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Back plates
in galvanised steel
for UNIBOX 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 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.

PRIMA & topTER



Practical

Thanks to the hinges, the wiring and maintenance are easier.



Versatile

Thanks to flanges and caps.



Tamper proof

Thanks to the padlockable cover.



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PRIMA and topTER are a series of watertight moulded distribution boards with transparent window or blind door with high capacity which can contain industrial and domestic sockets from 16A up to 63A, with protection rating IP44 and IP66/IP67. Thanks to the dedicated caps, you can integrate domestic sockets in the boards together with industrial and interlocked ones. The highly engineered design, the high quality standard and all the components make this series particularly suitable for installation in the service sector and industry where intense activity make accidental stops utterly undesirable.



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

Features: padlockable modular door.

Technical accessories:



**Distribution boards
for mounting 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

Features: padlockable modular door.

Technical accessories:





Distribution boards with transparent window
for the installation
of 16A and 32A topTER
sockets with switch
IP66

	Shape	Installable sockets	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
5 modules		1	22	122x395	579741	1
10 modules		2	40	239x456	579742	1
16 modules		3	56	350x456	579743	1
22 modules		4	70	461x456	579744	1

Features: padlockable modular door.



Distribution boards with blind cover
for the installation
of 16A and 32A topTER
sockets with switch
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

Technical accessories:

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Distribution boards with blind cover for the installation of topTER 63A socket-outlets with switch **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 topTER 63A socket-outlets with switch **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.

Technical accessories:

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EASY COMPOSER

Software for the design and cost estimation of thermoplastic distribution boards.

prima

topTER



1. Select the socket type	2. Compose the distribution board	3. Calculate the cost and download the certificates
		

The software is a free web application available at www.palazzoli.com



Module covers

No. of DIN modules	For distribution boards	Palazzoli code	Pack Qty
2	topTER, PRIMA, ULYSSE, TAIS and TAIS CUBE	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
topTER and PRIMA	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



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



Equipotential bars for earth connection of topTER series distribution boards

No. of holes	Connection Type	Palazzoli code	Pack Qty
4	M5 screws for wire ends up to 25mm ²	579013	1
10	M5 screws for wire ends up to 25mm ²	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.

TAIS





TAIS

Excellent resistance to stresses, vibrations, abrasions and does not need any maintenance



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.



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.

Suitable for chemical industries, industrial facilities, plants with galvanic treatments, airports, cold rooms and in dusty, salty and corrosive atmosphere.



TAIS boxes represent the state of the art for industrial electrical junctions, both for wall-mounting or on machinery boards in insulating material. The offer is structured on two types of boxes, one is with small dimensions for mounting on board of machineries and the other is with medium and big dimensions to be wall-mounted for industrial plants.

Compliance with standards	IEC/EN 602208 IEC/EN 60670-1
Material	Palazzoli thermosetting GRP
Protection rating (IP according to IEC/EN 60529)	IP67 - IP68
Colour	RAL5015 (cover) RAL7042 (base)
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	960°C
Flammability rating (according to UL94)	V0
Impact resistance (IK rating according to IEC/EN 62262)	IK10
Insulation class	II □
Storage temperature	-50°C - +90°C
Operating temperature	-40°C - +90°C



Junction boxes
in thermosetting GRP
with **low cover**
IP68



Outer dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	50	18	538035	1
125x92	50	18	538045	1
185x92	50	18	538055	1
125x125	75	25	538116	1
185x125	75	25	538117	1
250x125	75	25	538118	1

Features: IP68 protection rating test is carried out at 2 m depth for 24 h. Blind walls.



Junction boxes
in thermosetting GRP
with **high cover**
IP68



Outer dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	50	50	538005	1
125x92	50	50	538006	1
185x92	50	50	538015	1
125x125	75	50	538016	1
185x125	75	50	538017	1
250x125	75	50	538018	1

Features: IP68 protection rating test is carried out at 2 m depth for 24 h. Blind walls.

Technical accessories:

		
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Junction boxes
in thermosetting GRP
with **low cover**
IP67

Outer dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	50	18	532035	5
125x92	50	18	532045	1
185x92	50	18	532055	1
125x125	75	25	532116	1
185x125	75	25	532117	1
250x125	75	25	532118	1

Features: blind walls.



Junction boxes
in thermosetting GRP
with **high cover**
IP67

Outer dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	50	50	532005	1
125x92	50	50	532006	1
185x92	50	50	532015	1
125x125	75	50	532016	1
185x125	75	50	532017	1
250x125	75	50	532018	1

Features: blind walls.

Technical accessories:



Back plates
in galvanised steel
for TAIS boxes

For box dimensions	For box code	Palazzoli code	Pack Qty
92x92	532005, 532035, 532225, 538005 538035, 532005, 532035	532705	1
125x92	532006, 532045, 532285, 532295 538006, 538045, 532006, 532045	532714	1
185x92	532015, 532055, 532325, 532385, 538015, 538055, 532015, 532055	532715	1
125x125	532016, 532116, 532346, 538016 538116, 532016EX, 532116EX	532716	1
185x125	532017, 532117, 532667, 532677, 538017 538117, 532017EX, 532117EX, 532667EX	532717	1
250x125	532018, 532118, 532618, 532628 532638, 532648, 538018, 538118 532018EX, 532118EX, 532628EX	532718	1

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



Boxes
in thermosetting GRP
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 cover and with tamper-proof screw.

Technical accessories:





TAIS Grande series distribution boxes are a range of products with thickened walls made of Palazzoli Thermosetting GRP for heavy duty applications with up to IP67 protection rating and resistant to UV rays. The system is composed of 5 sizes, complete with back plate made of zinc-tropicalised steel sheet, that can be accessorised with blind or transparent cover with moulded large captive screws with hexagonal insert of 8 mm. The boxes are available in versions totally blind or with windows on the sides that allow modular combinations.



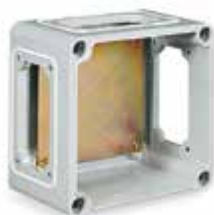
Compliance with standards	IEC/EN 602208 IEC/EN 60670-1
Material	Palazzoli thermosetting GRP
Protection rating (IP according to IEC/EN 60529)	IP65 and IP67
Colour	RAL5015 (cover) RAL7042 (base)
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	960°C
Flammability rating (according to UL94)	V0
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Insulation class	II □
Storage temperature	-50°C - +90°C
Operating temperature	-40°C - +90°C



Resistance to chemical agents

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLORO-ETHYLENE	BENZENE
↑	↑	→	↑	↑	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Legend: ↑ high resistance → partial resistance



Junction boxes
in thermosetting GRP
with back plate
IP67

Outer dimensions (mm)	Window type	Installable TAIS socket module	Palazzoli code	Pack Qty
185x185x115		2x95	531011	1
		2x95	531200	1
		2x95	531211	1
		2x95	531311	1
		-	531411	1
250x185x115		2x95/2x125	531021	1
		2x95/2x125	531220	1
		2x95	531222	1
		2x95/2x125	531221	1
		-	531231	1
		2x95	531321	1
		2x95/2x125	531331	1
		-	531431	1

Outer dimensions (mm)	Window type	Installable TAIS socket module	Palazzoli code	Pack Qty
250x250x115		2x95/2x125	531040	1
		2x95/2x125	531241	1
		-	531240	1
		2x95/2x125	531340	1
		-	531440	1
370x250x115		2x95/2x125	531540	1
		2x95/2x125	531640	1
		-	531042	1
		-	531242	1
500x370x115		-	531442	1
		-	531062	1
		-	531262	1
		-	531662	1

Equipment included: free windows with gaskets in non-ageing elastomer.
Screws and bolts for coupling or closing with flanges and back plate.
Boxes up to 250x250 with drilling template.
Features: they are used for making junction or distribution boards.
Boxes with dimensions 250 x 250 and larger are rated IP65.

Technical accessories:

					
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Blind covers low
in thermosetting GRP
for TAIS Grande boxes
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: complete with captive screws that can be sealed.
Features: covers with dimensions 250x250 and larger are IP65.



Blind covers high
in thermosetting GRP
for TAIS Grande boxes
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: complete with 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.



Transparent covers low
in polycarbonate for TAIS
Grande boxes
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: complete with captive screws that can be sealed.
Features: in UV stabilised polycarbonate.
Covers with dimensions 250x250 and larger are rated IP65.



Transparent covers high
in polycarbonate for TAIS
Grande boxes
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: complete with 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 TAIS
Grande boxes
IP67

For boxes with dimensions (mm)	Cover 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.

NOTES



Fixing screws made of fibre-reinforced technopolymer for higher tightening force, with captive and anti-tampering systems.



Flat blind flanges
in thermosetting GRP
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.



Blind flanges raised
in thermosetting GRP
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:



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Hinge frames
with installation kit
for TAIS Grande 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 TAIS Grande 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".



Supports
for 90° angled wall-mounting
of straight sockets 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 boxes in thermosetting GRP (with windows "a" or "b") or in aluminium (with windows F5).

Technical accessories:



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ALUPRES series distribution boxes are a range of products with thick walls made of aluminium alloy for heavy duty uses with IP55 and IP67 protection rating and resistant to UV rays. The system is composed of different sizes with ecological anticorrosion passivation with fluoro-zirconium and finished with hot-polymerised non-toxic polyester paint.

All the boxes are complete with back plate made of zinc-tropicalised steel sheet and can be accessorised with blind or windowed cover.

The boxes are available in versions totally blind suitable to be drilled with threaded holes, or with window on the sides that allows for modular combinations or to be accessorised with blind or threaded flanges or junctions available in the range.



Compliance with standards	IEC/EN 602208 IEC/EN 60670-1
Material	Aluminium alloy
Surface treatment	Passivation with fluoro-zirconium treatment
Paint	Hot-polymerised non-toxic polyester
Protection rating (IP according to IEC/EN 60529)	IP55 - IP67
Colour	RAL5012 (cover) RAL7035 (base)
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Insulation class	I
Storage temperature	-50°C - +90°C
Operating temperature	-40°C - +90°C



Resistance to chemical agents

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLORO-ETHYLENE	BENZENE
↑	↑	↓	→	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	→	↑	↑	↑	↑

Legend: ↑ high resistance → partial resistance ↓ low resistance



Junction boxes
in aluminium alloy
with back plate
IP67

Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
92x92x42		511110*	1
		511210	1
125x125x63		511212	1
		511214	1
		511220	1
185x125x63		511222	1
		511224	1
		511232	1
252x125x63		511234	1
		521210	1
155x155x63		521214	1
		511310	1
185x185x95		511312	1
		511314	1
		511320	1
252x185x95		511322	1
		511324	1

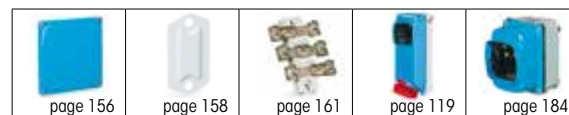
Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
220x220x95		521314	1
252x252x140		511412	1
		511414	1
		511420	1
315x252x140		511422	1
		511424	1
507x252x140		511452	1
295x295x105		521414	1
		511512	1
315x315x140		511514	1
		511612	1
373x373x140		511614	1
		511632	1
507x373x140		511634	1
630x373x140		511642	1
		511822	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.

*Box without back plate.

Features: boxes with dimensions 155x155 and larger are rated IP55.

Technical accessories:



**Blind covers low**
for ALUPRES 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
630x373	53	515642	1
630x507	53	515822	1

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

Features: covers with dimensions 155x155 and larger are IP55.

**Blind covers high**
for ALUPRES boxes
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
92x92	35	515112	1
125x92	50	515124	1
185x92	50	515144	1
125x125	50	515214	1
185x125	50	515224	1
252x125	50	515234	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
630x373	127	515645	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 155x155 and larger are rated IP55.

**Covers with transparent window and DIN rail**
for ALUPRES 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
252x125	80	9	518209	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 155x155 and larger are rated IP55.

Padlockable lid and with tamper-proof screw.

**Control units**
in aluminium alloy
for wall-mounting
IP67

Dimensions (mm)	Window type	No. of DIN modules	Power dissipation (W)	Palazzoli code	Pack Qty
125x125	 Blind walls	4	13	512204	1
185x125	 Blind walls	6.5	15	512206	1
252x185	 Blind walls	11	20	512211	1

Features: padlockable lid and with tamper-proof screw.

**Blind covers hinged low**
for ALUPRES boxes
IP55

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Qty
185x185	64	516314	1
252x185	64	516324	1
252x252	64	516414	1
315x252	72	516424	1
507x252	72	516454	1
373x373	40	516611	1
373x373	72	516613	1
507x373	40	516631	1
507x373	140	516636	1
630x373	68	516643	1
630x507	68	516823	1
630x507	140	516826	1

Equipment included: complete with non-ageing gasket and captive stainless steel fixing screws.
Features: the hinge makes it easier to reach the inside of the enclosure.

**Blind covers for floor**
for pedestrian traffic
for ALUPRES boxes
IP55

For boxes with dimensions (mm)	Outer dimensions (mm)	Palazzoli code	Pack Qty
125x125x63	145x145x15	519210	1
155x155x63	177x177x16,5	529210	1
185x185x95	207x207x16,5	519310	1
220x220x95	245x245x20	529310	1
295x295x105	325x325x22	529410	1
373x373x140	405x405x25	519610	1

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

**Junction boxes**
in aluminium alloy
with back plate
and blind cover
IP67

Outer dimensions (mm)	Window type	Palazzoli code	Pack Qty
92x92x66	 blind walls	150006	1
92x92x66	 F0	150001	1
125x125x73	 blind walls	150016	1
125x125x73	 F1	150011	1
155x155x73	 blind walls	150026	1
155x155x73	 F1	150021	1
185x185x105	 F3	150031	1
220x220x107	 F3	150041	1
295x295x121	 F4	150051	1
373x373x165	 F6	150061	1

Equipment included: free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes. Earth screws inside and outside the box.
Features: boxes with dimensions 155x155 and larger are rated IP55.

Technical accessories:

**Blind flanges flat** in steel
for windowed walls
IP67

For windows	Projection (mm)	Palazzoli code	Pack Qty
F0 (insulating material)	5	540030	1
F1 (insulating material)	6	540031	5
F0	2.5	540090	5
F1	5.5	540091	5
F2	5.5	540032	1
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.

**Blind flanges raised**
in aluminium alloy
for windowed walls
IP67

For windows	Projection (mm)	Palazzoli code	Pack Qty
F1	32	540061	1
F2	32	540062	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 flat** in aluminium alloy with **metric threading**
for windowed walls
IP67

For windows	Threading type	Projection (mm)	Palazzoli code	Pack Qty
F0	M25	18	541050	1
F1	M25	18	541055	1
F1	M32	51	540180	1
F2	M32	51	540185	1
F2	M40	51	540186	1
F3	M40	51	540190	1
F4	M40	51	540193	1
F5	M50	51	540195	1

Technical accessories:



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Flanges in aluminium alloy with **gas threading** and **cable gland**
for windowed walls
IP67

For windows	Threading type	Entry cable diameter (mm)	Projection (mm)	Palazzoli code	Pack Qty
F0 (insulating material)	1/2"	8-13	23	541010	1
F0 (insulating material)	3/4"	9-17	29	541020	1
F0	1/2"	9-12	31	541080	1
F0	3/4"	9-17	33	541090	1
F0	1"	17-20	34	541030	1
F1	1/2"	8-13	29	541011	1
F1	3/4"	10-18	33	541021	1
F1	1"	14-19	63	540151	1
F1	1" 1/4	22-26	63	540141	1
F2	1"	18-20	63	540152	1
F2	1" 1/4	25-26	64	540142	1
F3	1" 1/2	32-35	82	540153	1
F4	1" 1/2	32-35	88	540154	1
F5	2"	42-44	124	540145	1
F6	2" 3/4	57-58	154	540156	1

Uses: suitable for entry with threaded pipes. They facilitate the wiring as they increase the internal volume of the enclosure.



Flanges in aluminium alloy
with **double thread**
gas and **cable gland**
for windowed entries
IP67

For windows	Threading type	Entry cable diameter (mm)	Projection (mm)	Palazzoli code	Pack Qty
F0	1/2"	8-13	36	541040	1
F1	3/4"	12-16	57	540161	1
F2	1"	18-20	62	540162	1
F3	1" 1/4	25-26	79	540163	1
F4	1" 1/2	32-35	124	540164	1
F5	2"	42-44	154	540165	1

Uses: suitable for entry with threaded pipes.



One way junction box
in aluminium alloy
for windowed walls

For windows	Projection (mm)	For cable Ø (mm)	Palazzoli code	Pack Qty
F1	70	26	544031	1
F2	90	26	544022	1
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.



One way junction box
90° angled in aluminium alloy
for windowed walls

For windows	Projection (mm)	Internal hole Ø (mm)	Palazzoli code	Pack Qty
F1	53	32	545081	1
F2	74	32	545082	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.



Reducers in steel
for windows
IP67

Shape	Reducer type from window	Reducer type to window	Thickness (mm)	Palazzoli code	Pack Qty
	F1	F0	3	547010	1
	F2	F0	4	547020	1
	F2	F1	4	547021	1
	F3	F0	4	547030	1
	F3	F1	4	547031	1
	F3	F2	4	547032	1
	F3	2xF0	5	547300	1
	F4	F1	4	547041	1
	F4	F2	4	547042	1
	F4	F3	4	547043	1
	F4	F1+F0	6	547410	1
	F4	2xF1	5	547411	1
	F5	F3	5	547053	1
	F5	F4	5	547054	1
	F6	F3	5	547063	1
	F6	F4	5	547064	1
	F6	F5	5	547065	1
	F5	F1	5	547151	1
	F5	F2	5	547152	1
	F6	F1	5	547161	1
	F6	F2	5	547162	1

Uses: boxes and socket-outlets can be interfaced with different windows.

Features: codes 547151, 547152, 547161, 547162 are only used to couple the boxes to the flanges with cable gland.

Technical accessories:



Supports for flush-mounting
at **90°** of straight sockets
and plugs
IP65

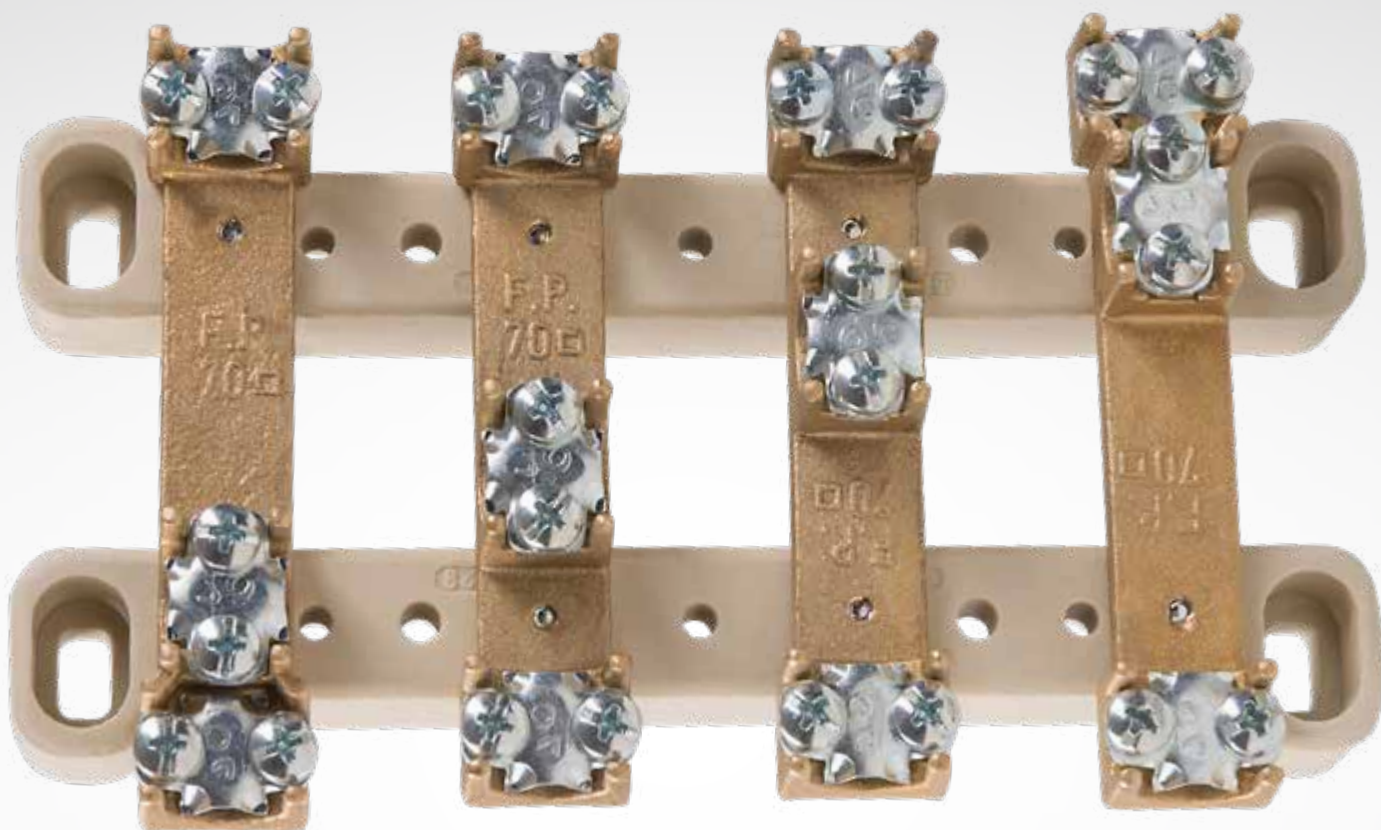
Support base dimensions (mm)	Installable sockets/plugs	Box window	Palazzoli code	Pack Qty
200x133	63A	F5	472947	1
200x133	125A	F5	472948	1

Equipment included: 4 stainless steel screws for fixing the socket or the plug.

Technical accessories:

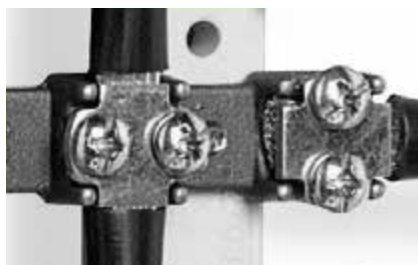


CONTACT



Guaranteed tightening

Thanks to the cage terminals with two fastening screws.



Electrical safety

Thanks to the through central terminals, the branches are obtained without cutting the cable.



Easy installation

Thanks to the quick fitting of the terminal blocks on any type of plate.



The terminal blocks of the CONTACT series allow achieving high quality electrical connections with copper conductors without particular preparation (with cable terminals or connectors). The range includes types for unipolar, multipolar and multipolar for high power connections, all of which can be combined with boxes of the TAIS and ALUPRES series. The range of entry cable sections is between 4mm² and 300mm². The products comply with EN 60998-1 and EN 60998-2-1 standards.

Compliance with standards	IEC/EN 60947-7-1
Material	Ceramic (supports) Brass (contacts)
Rated impulse-withstand voltage	6kV
Storage temperature	-80°C - +100°C
Operating temperature	-80°C - +100°C



Technical features of saddle terminal blocks:

Rated cross-section (mm ²)	Rated current (A)	Entry cable sections (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 sections (mm ²)	Tightening torque (Nm)
6	41	1,5 - 6	0.8
16	76	4 - 16	1.2

Technical features of cage terminal blocks:

Rated cross-section (mm ²)	Rated current (A)	Entry cable sections (mm ²)	Tightening torque (Nm)
16	76	4 - 16	2.5



Terminal blocks
with saddle terminals
for back plates
500V

Box min. dimensions (mm)		No. of poles for section	Palazzoli code	Pack Qty
TAIS	ALUPRES			
125x92	92x92	3x16 mm ²	159030	1
185x125	125x125	4x16 mm ²	159040	10
		3x25 mm ²	159032	1
	155x155	4x25 mm ²	159042	5
		3x35 mm ²	159033	5
190x185	185x185	4x35 mm ²	159043	1
		3x70 mm ²	159034	1
250x250	220x220	4x70 mm ²	159044	1
		3x120 mm ²	159035	1
370x250	295x295	4x120 mm ²	159045	1
		3x240 mm ²	159036	1
500x370	373x373	4x240 mm ²	159046	1
		3x300 mm ²	159037	1



Terminal blocks
in ceramic on metallic bar
for TAIS boxes
400V

For boxes with dimensions (mm)	No. of poles for section	Palazzoli code	Pack Qty
92x92	4x6 mm ²	532725	1
	4x6 mm ²	532735	1
	6x4 mm ²	532755	1
92x125, 92x185 125x125, 125x185	4x6 mm ²	532745	1
	4x16 mm ²	532747	1
	6x6 mm ²	532765	1
125x250	4x16 mm ²	532748	1
	6x16 mm ²	532768	1

Features: codes 532735 and 532755 in insulating material.



Terminal blocks
with cage terminals
for watertight boxes
400V

For boxes with dimensions (mm)	No. of poles for section	Palazzoli code	Pack Qty
92x92	4x16 mm ²	113194	1

Technical accessories:





UNI series

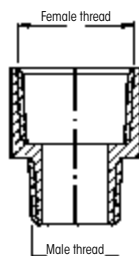
Cable glands in technopolymer and nickel-plated brass

Thermoplastic
standard applications

Compliance with standards	IEC/EN 60423 EN 50262
Material	Polyamide (technopolymer version) Nickel-plated brass (brass version) Neoprene (gasket) Galvanised steel (adaptors)
Protection rating (IP according to IEC/EN 60529)	IP67 - IP68
Colour	RAL7035 (technopolymer)
Operating temperature (insulating material)	Cable glands: -30°C - +100°C Adaptors: -30°C - +90°C
Operating temperature (brass)	-40°C - +100°C



SELECTION GUIDE



Pg/Metric adaptors
in insulating material
for tube/box connections
IP67

Male thread	Female thread	Palazzoli code	Pack Qty
Pg13.5	M20x1.5	580291	1
Pg16	M20x1.5	580292	1
Pg21	M25x1.5	580294	1
Pg29	M32x1.5	580295	1
Pg36	M40x1.5	580296	1

Equipment included: complete with gasket.



Pg/Gas adaptors
in insulating material
for tube/box connections
IP67

Male thread	Female thread	Palazzoli code	Pack Qty
Pg13.5	3/8"	580271	1
Pg16	1/2"	580272	1
Pg21	3/4"	580274	1
Pg29	1"	580275	1
Pg36	1" 1/2	580276	1

Equipment included: complete with gasket.



Gas/metric adaptors
in insulating material
for conduit/box connections
IP67

Male thread	Female thread	Palazzoli code	Pack Qty
1/2" Gas	M20x1.5	580261	1
3/4" Gas	M25x1.5	580264	1

Equipment included: complete with gasket.



UNI series

Cable glands in technopolymer and nickel-plated brass

Thermoplastic
standard applications



Cable glands
in insulating material
with **metric threading**
IP68

Threading	Mounting hole (mm)	Fastening 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



Locknuts
in insulating material
with **metric threading**

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



Cable glands
in insulating material
with **metric pitch**
with **long thread**
IP68

Threading	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	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.



Cable glands
in insulating material
with **Pg** threading
IP68

Pg	Mounting hole (mm)	Fastening 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
with **long thread**
IP68

Pg	Mounting hole (mm)	Fastening 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	Palazzoli code	Pack Qty
13.5	580230	100
16	580231	100
21	580232	100
29	580233	50
36	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	Mounting hole (mm)	Palazzoli code	Pack Qty
16	23	580211	1
21	29	580212	1
29	38	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.



Cable glands
in nickel-plated brass
with **metric threading**
IP68

Threading	Mounting hole (mm)	Fastening 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



Cable glands
in nickel-plated brass
with **metric pitch**
with **long thread**
IP68

Threading	Mounting hole (mm)	Fastening 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



Screw caps
in nickel-plated brass
with **metric threading**
IP68

Threading	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	5	582312	100
M16x1.5	6	582316	100
M20x1.5	6.5	582320	100
M25x1.5	7	582325	100
M32x1,5	8	582332	50
M40x1.5	9	582340	50
M50x1.5	10	582350	25
M63x1.5	10	582363	25



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



Cable gland
in nickel-plated brass
with **Pg** threading
IP68

Pg	Mounting hole (mm)	Fastening 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



Screwcaps
in nickel-plated brass
with **Pg** threading
IP68

Pg	Thread length (mm)	Palazzoli code	Pack Qty
7	5	572307	50
9	6	572309	50
11	6	572311	50
13.5	6.5	572313	50
16	6.5	572316	25
21	7	572321	20
29	8	572329	15
36	9	572336	10
42	10	572342	10
48	10	572348	10



Cable gland
in nickel-plated brass
with **Pg** pitch
with long thread
IP68

Pg	Mounting hole (mm)	Fastening 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



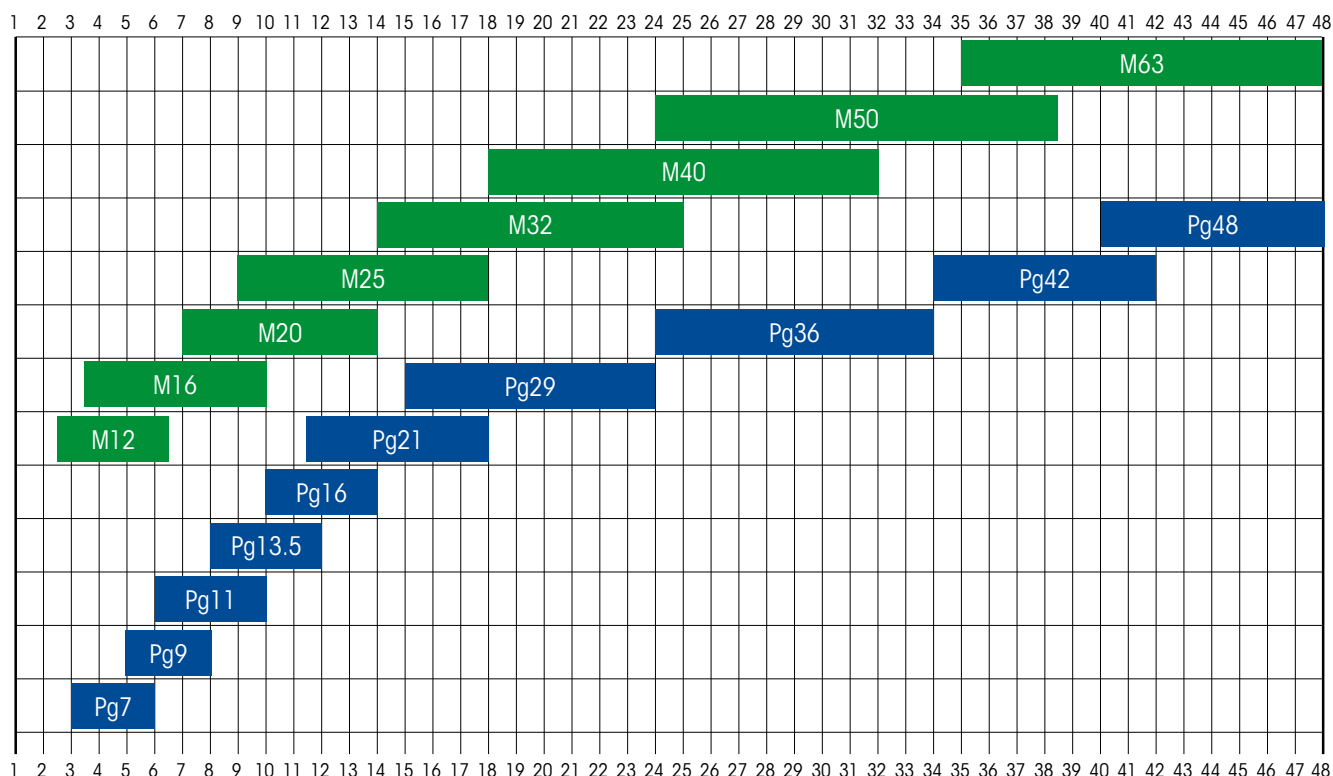
Locknuts
in nickel-plated brass
with **Pg** threading

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



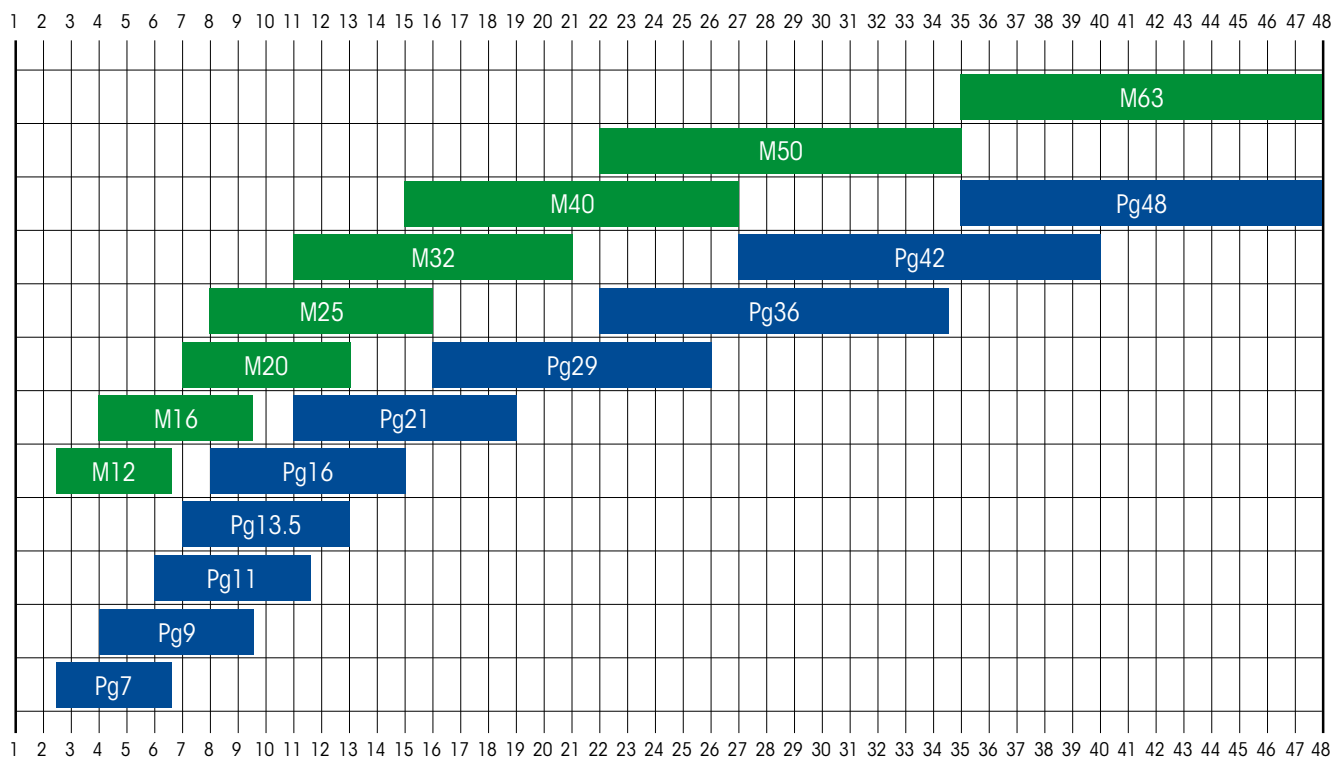
Metric and Pg pitch cable glands selection chart

FASTENING DIAMETERS (MM) - INSULATING MATERIAL



Notes: fastening diameters for Pg cable glands in insulating material refer to the version with long thread.

FASTENING DIAMETERS (MM) - BRASS



The background of the entire page is a deep blue space scene. A bright sun or star is rising over the horizon of the Earth, creating a strong lens flare and illuminating the planet's surface. The Earth's curvature is visible, with the continents of Europe and Africa partially shown, their landmasses highlighted by city lights. A network of thin, glowing blue lines connects various points across the sky, resembling a global communication or data network. The overall mood is one of technological advancement and global reach.

Palazzoli

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