

# ***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

page 138



### topTER and PRIMA

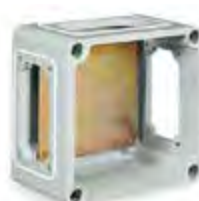
empty distribution boards

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**TAIS**  
modular boxes  
in thermosetting GRP  
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**TAIS GRANDE**  
combinable boxes  
in thermosetting GRP  
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**ALUPRES**  
combinable boxes  
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**CONTACT**  
terminal blocks  
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**UNI**  
cable glands in technopolymer  
and nickel-plated brass  
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# TAIS CUBE

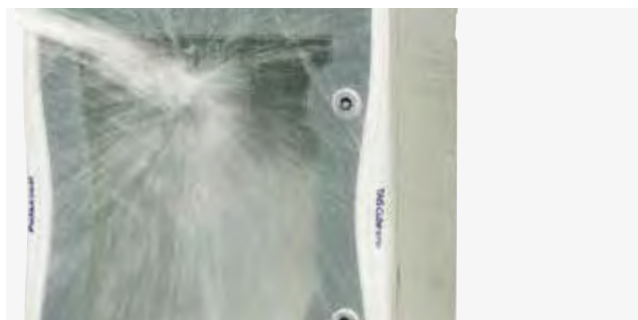


**GOOD DESIGN**  
INTERNATIONAL AWARD



## TAIS CUBE

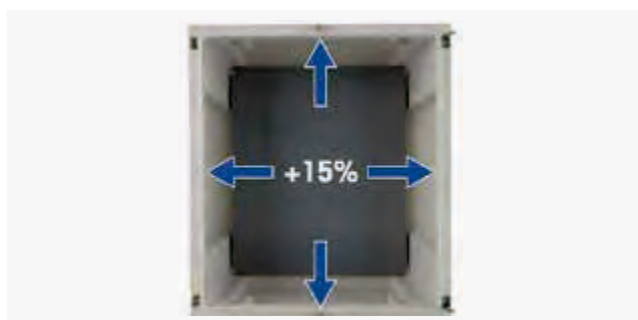
Resistant to everything thanks to the Palazzoli thermosetting GRP



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](http://www.palazzoli.com)



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



#### 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                            | <b>550001</b>  | 1        |
| 2    | 340x430x180           | 280x375x120                  | 90                            | <b>550002</b>  | 1        |
| 3    | 450x505x220           | 390x450x160                  | 138                           | <b>550003</b>  | 1        |
| 4    | 450x655x220           | 390x600x160                  | 174                           | <b>550004</b>  | 1        |
| 5    | 560x655x260           | 500x600x200                  | 217                           | <b>550005</b>  | 1        |
| 6    | 630x810x300           | 570x750x235                  | 302                           | <b>550006</b>  | 1        |
| 7    | 850x1060x350          | 790x1000x290                 | 506                           | <b>550007</b>  | 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                            | <b>550031</b>  | 1        |
| 2    | 340x430x180           | 36 (3x12)          | 90                            | <b>550032</b>  | 1        |
| 3    | 450x505x220           | 54 (3x18)          | 138                           | <b>550033</b>  | 1        |
| 4    | 450x655x220           | 72 (4x18)          | 174                           | <b>550034</b>  | 1        |
| 5    | 560x655x260           | 96 (4x24)          | 217                           | <b>550035</b>  | 1        |
| 6    | 630x810x300           | 140 (5x28)         | 302                           | <b>550036</b>  | 1        |
| 7    | 850x1060x350          | 200 (5x40)         | 506                           | <b>550037</b>  | 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         | <b>550601</b>  | 5        |
| 2    | 260x370         | <b>550602</b>  | 5        |
| 3    | 370x445         | <b>550603</b>  | 5        |
| 4    | 370x595         | <b>550604</b>  | 1        |
| 5    | 475x595         | <b>550605</b>  | 1        |
| 6    | 550x745         | <b>550606</b>  | 1        |
| 7    | 765x995         | <b>550607</b>  | 1        |

**Equipment included:** complete with screws for mounting.



**Back plates**  
in thermosetting GRP

| Size | Dimensions (mm) | Palazzoli code | Pack Qty |
|------|-----------------|----------------|----------|
| 1    | 180x240         | <b>550621</b>  | 5        |
| 2    | 260x370         | <b>550622</b>  | 5        |
| 3    | 370x445         | <b>550623</b>  | 5        |
| 4    | 370x595         | <b>550624</b>  | 1        |
| 5    | 475x595         | <b>550625</b>  | 1        |
| 6    | 550x745         | <b>550626</b>  | 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         | <b>550502</b>  | 4        |
| 3    | 388x450         | <b>550503</b>  | 4        |
| 4    | 388x600         | <b>550504</b>  | 4        |
| 5    | 496x600         | <b>550505</b>  | 1        |
| 6    | 568x750         | <b>550506</b>  | 1        |
| 7    | 784x1000        | <b>550507</b>  | 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                  | <b>550562</b>  | 6        |
| 3    | 3                  | <b>550563</b>  | 6        |
| 4-5  | 4                  | <b>550564</b>  | 6        |
| 6    | 5                  | <b>550566</b>  | 1        |
| 7    | 5                  | <b>550567</b>  | 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                 | <b>550522</b>  | 6        |
| 3-4  | 150         | 18                 | <b>550523</b>  | 6        |
| 5    | 150         | 24                 | <b>550525</b>  | 4        |
| 6    | 150         | 28                 | <b>550526</b>  | 4        |
| 7    | 200         | 40                 | <b>550527</b>  | 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         | <b>550542</b>  | 6        |
| 3-4  | 150         | <b>550543</b>  | 6        |
| 5    | 150         | <b>550545</b>  | 4        |
| 6    | 150         | <b>550546</b>  | 4        |
| 7    | 200         | <b>550547</b>  | 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         | <b>550552</b>  | 4        |
| 3-4  | 300         | <b>550553</b>  | 4        |
| 5    | 300         | <b>550555</b>  | 1        |
| 6    | 300         | <b>550556</b>  | 1        |
| 7    | 400         | <b>550557</b>  | 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                 | <b>550582</b>  | 6        |
| 3-4  | 18                 | <b>550583</b>  | 6        |
| 5    | 24                 | <b>550585</b>  | 1        |
| 6    | 28                 | <b>550586</b>  | 1        |
| 7    | 40                 | <b>550587</b>  | 1        |

**Equipment included:** complete with screws for mounting.



**Click Cube height-adjustable steel partial plates**

| Size | Height (mm) | Palazzoli code | Pack Qty |
|------|-------------|----------------|----------|
| 2    | 125         | <b>550632</b>  | 1        |
| 3-4  | 150         | <b>550633</b>  | 1        |
| 5    | 150         | <b>550635</b>  | 1        |
| 6    | 150         | <b>550636</b>  | 1        |
| 7    | 200         | <b>550637</b>  | 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 | <b>550640</b>  | 20       |
| 4               | Stainless steel  | <b>550641</b>  | 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)          | <b>550042</b>  | 1        |
| 3    | 54 (3x18)          | <b>550043</b>  | 1        |
| 4    | 72 (4x18)          | <b>550044</b>  | 1        |
| 5    | 96 (4x24)          | <b>550045</b>  | 1        |
| 6    | 140 (5x28)         | <b>550046</b>  | 1        |
| 7    | 200 (5x40)         | <b>550047</b>  | 1        |



Pair of **accessories**  
for pole mounting

| Size  | Material | Palazzoli code | Pack Qty |
|-------|----------|----------------|----------|
| 1-2   | steel    | <b>550642</b>  | 1        |
| 3-4-5 | steel    | <b>550643</b>  | 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    | <b>550648</b>  | 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          | <b>550662</b>  | 1        |
| 3-4  | 110         | <b>550663</b>  | 1        |
| 5    | 150         | <b>550665</b>  | 1        |
| 6    | 190         | <b>550666</b>  | 1        |
| 7    | 240         | <b>550667</b>  | 1        |

**Notes:** the kit is used to install the Click Cube frame in boxes that were not made to accommodate it (before 2015).

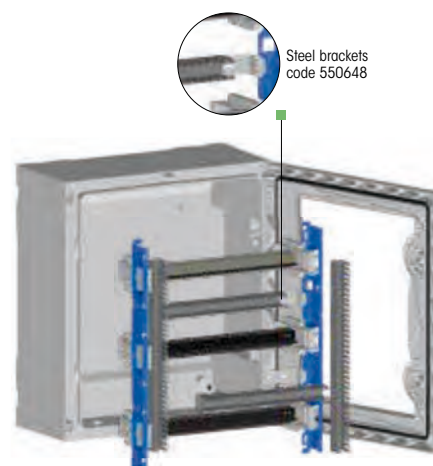
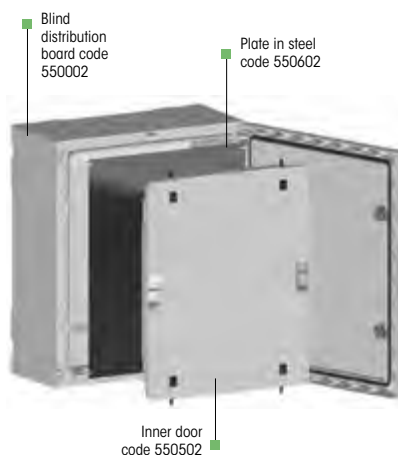
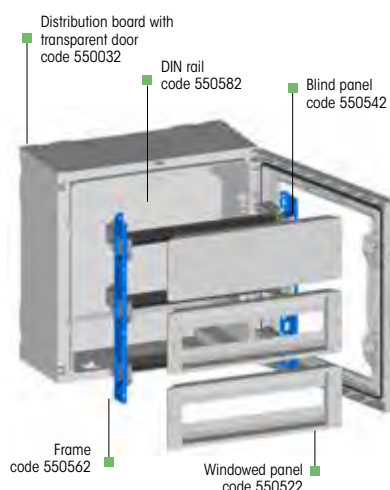
The adaptors can also be used as spacers for the back plates.



**Security lock**  
with handle

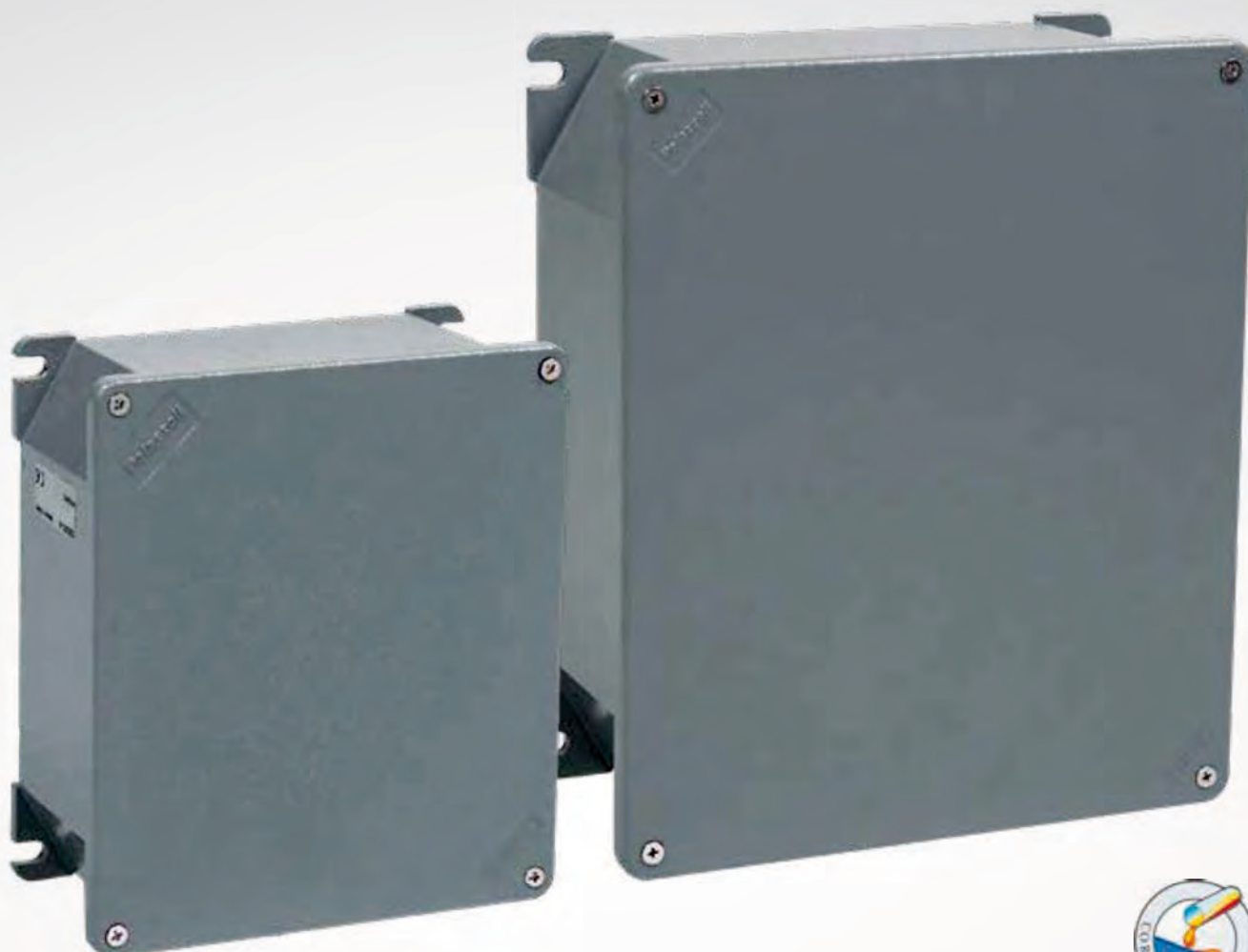
| No. of keys | Material | Palazzoli code | Pack Qty |
|-------------|----------|----------------|----------|
| 2           | steel    | <b>550680</b>  | 10       |

**Features:** closing with Yale code key.



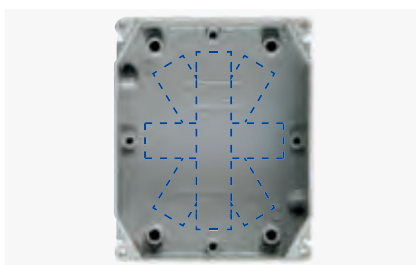


# UNIBOX



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



**Junction boxes**  
in aluminium alloy  
**IP66/IP67**

| Box type | Dimensions (mm) |             | Palazzoli code | Pack Qty |
|----------|-----------------|-------------|----------------|----------|
|          | external        | internal    |                |          |
| UNI B9   | 100x100x59      | 88x88x44    | <b>520009</b>  | 30       |
| UNI B11  | 140x115x60      | 128x103x46  | <b>520011</b>  | 20       |
| UNI B12  | 166x141x64      | 153x128x49  | <b>520012</b>  | 20       |
| UNI B14  | 192x168x80      | 176x152x65  | <b>520014</b>  | 10       |
| UNI B19  | 253x217x93      | 236x201x75  | <b>520019</b>  | 1        |
| UNI B20  | 314x264x122     | 292x243x104 | <b>520020</b>  | 1        |
| UNI B21  | 410x315x150     | 386x291x126 | <b>520021</b>  | 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          | <b>522011</b>  | 1        |
| UNI B12      | 132x108         | <b>522012</b>  | 1        |
| UNI B14      | 165x125         | <b>522014</b>  | 1        |
| UNI B19      | 200x165         | <b>522019</b>  | 1        |
| UNI B20      | 250x210         | <b>522020</b>  | 1        |
| UNI B21      | 345x257         | <b>522021</b>  | 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                  | <b>521009</b>  | 1        |
| UNI B11      | 95                  | <b>521011</b>  | 1        |
| UNI B12      | 125                 | <b>521012</b>  | 1        |
| UNI B14      | 170                 | <b>521014</b>  | 1        |
| UNI B19      | 230                 | <b>521019</b>  | 1        |
| UNI B20      | 290                 | <b>521020</b>  | 1        |
| UNI B21      | 380                 | <b>521021</b>  | 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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|                                                                                                | <br>63A page 32 | <br>16A - 32A page 83 | <br>16A - 32A page 71 | <br>63A page 76           |
| <br>page 33 | <br>page 32    | <br>page 83          | <br>page 72          | <br>page 72               |
|                                                                                                |                                                                                                   | <br>page 32          | <br>page 32          | <br>page 33               |
| <br>page 33 |                                                                                                   | <br>page 33          | <br>page 33          | <br>page 33               |
|                                                                                                |                                                                                                   |                                                                                                         |                                                                                                         | <br>page 32              |
|                                                                                                |                                                                                                   |                                                                                                         |                                                                                                         | <br>page 32              |
|                                                                                                |                                                                                                   |                                                                                                         |                                                                                                         | <br>16A - 32A<br>page 71 |
|                                                                                                |                                                                                                   |                                                                                                         |                                                                                                         | <br>page 33              |

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                    | <b>579822</b>  | 1        |
| 5 modules  |       | 3                   | 3                         | 1                          |                             | 22                    | <b>579823</b>  | 1        |
| 10 modules |       | 4                   | 4                         | 4                          |                             | 40                    | <b>579824</b>  | 1        |
| 16 modules |       | 6                   | 6                         | 6                          |                             | 56                    | <b>579826</b>  | 1        |
| 22 modules |       | 8                   | 8                         | 8                          |                             | 70                    | <b>579828</b>  | 1        |
| 10 modules |       | 3                   | 2                         | 1                          | 1                           | 40                    | <b>579863</b>  | 1        |
| 16 modules |       | 5                   | 4                         | 2                          | 1                           | 56                    | <b>579865</b>  | 1        |

**Features:** padlockable modular door.

**Technical accessories:**

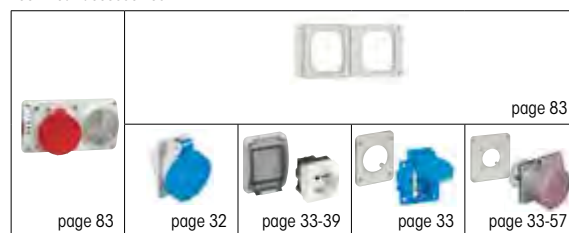


**Distribution boards for mounting PRIMA devices IP55**

|             | Shape | Installable sockets | Power dissipation (W) | Outer dimensions (mm) | Palazzoli code | Pack Qty |
|-------------|-------|---------------------|-----------------------|-----------------------|----------------|----------|
| 9 modules   |       | 2                   | 36                    | 212x414               | <b>579620</b>  | 1        |
| blind       |       | 2                   | 36                    | 212x414               | <b>579621</b>  | 1        |
| 9+9 modules |       | 2                   | 50                    | 424x280               | <b>579602</b>  | 1        |
| 9+9 modules |       | 4                   | 70                    | 424x410               | <b>579640</b>  | 1        |
| 9 modules   |       | 4                   | 70                    | 424x410               | <b>579641</b>  | 1        |
| blind       |       | 4                   | 70                    | 424x410               | <b>579642</b>  | 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               | <b>579741</b>  | 1        |
| 10 modules |       | 2                   | 40                    | 239x456               | <b>579742</b>  | 1        |
| 16 modules |       | 3                   | 56                    | 350x456               | <b>579743</b>  | 1        |
| 22 modules |       | 4                   | 70                    | 461x456               | <b>579744</b>  | 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               | <b>579721</b>  | 1        |
|  |       | 2                   | 40                    | 250x395               | <b>579722</b>  | 1        |
|  |       | 3                   | 56                    | 380x395               | <b>579723</b>  | 1        |

**Technical accessories:**

|                                                                                                |                                                                                                |                                                                                                   |                                                                                                |                                                                                                    |                                                                                                  |                                                                                                  |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <br>page 71 | <br>page 32 | <br>page 33-39 | <br>page 33 | <br>page 33-57 | <br>page 33 | <br>page 32 |
|                                                                                                |                                                                                                |                                                                                                   |                                                                                                |                                                                                                    |                                                                                                  |                                                                                                  |



**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         | <b>579421*</b> | 1        |
| 2                   | 40                    | 250x452         | <b>579422</b>  | 1        |
| 3                   | 56                    | 380x452         | <b>579423</b>  | 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               | <b>579631*</b> | 1        |
| 2                   | 12                 | 40                    | 250x452               | <b>579622</b>  | 1        |
| 3                   | 18                 | 56                    | 380x452               | <b>579623</b>  | 1        |

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

**Technical accessories:**

|                                                                                              |                                                                                               |                                                                                                  |                                                                                               |                                                                                                  |                                                                                                |                                                                                                 |                                                                                                 |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <br>page 76 | <br>page 32 | <br>page 33-39 | <br>page 33 | <br>page 33-57 | <br>page 47 | <br>page 49 | <br>page 71 |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

**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](http://www.palazzoli.com)



### Module covers

| No. of DIN modules | For distribution boards                   | Palazzoli code | Pack Qty |
|--------------------|-------------------------------------------|----------------|----------|
| 2                  | topTER, PRIMA, ULYSSE, TAIS and TAIS CUBE | <b>579904</b>  | 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               | <b>580250</b>  | 1        |



### Transportation handles

| For distribution boards | Palazzoli code | Pack Qty |
|-------------------------|----------------|----------|
| all distribution boards | <b>579011</b>  | 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        | <b>579012</b>  | 10       |



### Universal support for topTER, PRIMA and Energy Go distribution boards

| For distribution boards | Palazzoli code | Pack Qty |
|-------------------------|----------------|----------|
| width 239 mm and above  | <b>570010</b>  | 1        |



### Finishing frames for flush-mounting of PRIMA distribution boards

| For distribution boards code | Palazzoli code | Pack Qty |
|------------------------------|----------------|----------|
| 579620 and 579621            | <b>579582</b>  | 1        |
| 579640, 579641 and 579642    | <b>579584</b>  | 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 <sup>2</sup> | <b>579013</b>  | 1        |
| 10           | M5 screws for wire ends up to 25mm <sup>2</sup> | <b>579014</b>  | 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                                                         | <b>IEC/EN 602208<br/>IEC/EN 60670-1</b>   |
| Material                                                                          | <b>Palazzoli thermosetting GRP</b>        |
| Protection rating (IP according to IEC/EN 60529)                                  | <b>IP67 - IP68</b>                        |
| Colour                                                                            | <b>RAL5015 (cover)<br/>RAL7042 (base)</b> |
| Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10) | <b>960°C</b>                              |
| Flammability rating (according to UL94)                                           | <b>V0</b>                                 |
| Impact resistance (IK rating according to IEC/EN 62262)                           | <b>IK10</b>                               |
| Insulation class                                                                  | <b>II □</b>                               |
| Storage temperature                                                               | <b>-50°C - +90°C</b>                      |
| Operating temperature                                                             | <b>-40°C - +90°C</b>                      |



**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                | <b>538035</b>  | 1        |
| 125x92                | 50              | 18                | <b>538045</b>  | 1        |
| 185x92                | 50              | 18                | <b>538055</b>  | 1        |
| 125x125               | 75              | 25                | <b>538116</b>  | 1        |
| 185x125               | 75              | 25                | <b>538117</b>  | 1        |
| 250x125               | 75              | 25                | <b>538118</b>  | 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                | <b>538005</b>  | 1        |
| 125x92                | 50              | 50                | <b>538006</b>  | 1        |
| 185x92                | 50              | 50                | <b>538015</b>  | 1        |
| 125x125               | 75              | 50                | <b>538016</b>  | 1        |
| 185x125               | 75              | 50                | <b>538017</b>  | 1        |
| 250x125               | 75              | 50                | <b>538018</b>  | 1        |

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

**Technical accessories:**

|                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| page 163                                                                            | page 161                                                                             | page 105                                                                              |



**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                | <b>532035</b>  | 5        |
| 125x92                | 50              | 18                | <b>532045</b>  | 1        |
| 185x92                | 50              | 18                | <b>532055</b>  | 1        |
| 125x125               | 75              | 25                | <b>532116</b>  | 1        |
| 185x125               | 75              | 25                | <b>532117</b>  | 1        |
| 250x125               | 75              | 25                | <b>532118</b>  | 1        |

**Features:** blind walls.

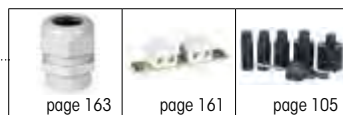


**Junction boxes**  
in thermosetting GRP  
with **high cover**  
**IP67**

| Outer dimensions (mm) | Box height (mm) | Cover height (mm) | Palazzoli code | Pack Qty |
|-----------------------|-----------------|-------------------|----------------|----------|
| 92x92                 | 50              | 50                | <b>532005</b>  | 1        |
| 125x92                | 50              | 50                | <b>532006</b>  | 1        |
| 185x92                | 50              | 50                | <b>532015</b>  | 1        |
| 125x125               | 75              | 50                | <b>532016</b>  | 1        |
| 185x125               | 75              | 50                | <b>532017</b>  | 1        |
| 250x125               | 75              | 50                | <b>532018</b>  | 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<br>538035, 532005, 532035                                         | <b>532705</b>  | 1        |
| 125x92             | 532006, 532045, 532285, 532295<br>538006, 538045, 532006, 532045                                 | <b>532714</b>  | 1        |
| 185x92             | 532015, 532055, 532325, 532385, 538015,<br>538055, 532015, 532055                                | <b>532715</b>  | 1        |
| 125x125            | 532016, 532116, 532346, 538016<br>538116, 532016EX, 532116EX                                     | <b>532716</b>  | 1        |
| 185x125            | 532017, 532117, 532667, 532677, 538017<br>538117, 532017EX, 532117EX, 532667EX                   | <b>532717</b>  | 1        |
| 250x125            | 532018, 532118, 532618, 532628<br>532638, 532648, 538018, 538118<br>532018EX, 532118EX, 532628EX | <b>532718</b>  | 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                    | <b>532516</b>  | 1        |
| 185x125x125           | 6.5                | 15                    | <b>532557</b>  | 1        |
| 250x125x125           | 9                  | 20                    | <b>532658</b>  | 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                                                         | <b>IEC/EN 602208<br/>IEC/EN 60670-1</b>   |
| Material                                                                          | <b>Palazzoli thermosetting GRP</b>        |
| Protection rating (IP according to IEC/EN 60529)                                  | <b>IP65 and IP67</b>                      |
| Colour                                                                            | <b>RAL5015 (cover)<br/>RAL7042 (base)</b> |
| Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10) | <b>960°C</b>                              |
| Flammability rating (according to UL94)                                           | <b>V0</b>                                 |
| Impact resistance (IK grade according to IEC/EN 62262)                            | <b>IK10</b>                               |
| Insulation class                                                                  | <b>II □</b>                               |
| Storage temperature                                                               | <b>-50°C - +90°C</b>                      |
| Operating temperature                                                             | <b>-40°C - +90°C</b>                      |



### 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**

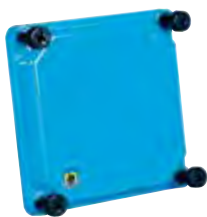
| Outer dimensions (mm) | Window type                                                                         | Installable TAIS socket module | Palazzoli code | Pack Qty |
|-----------------------|-------------------------------------------------------------------------------------|--------------------------------|----------------|----------|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

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

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| page 152                                                                            | page 161                                                                             | page 153                                                                              | page 153                                                                              | page 97                                                                               | page 182                                                                              |



**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                | <b>535320</b>  | 1        |
| 250x185                        | 25                | <b>535321</b>  | 1        |
| 250x250                        | 25                | <b>535322</b>  | 1        |
| 370x250                        | 25                | <b>535323</b>  | 1        |
| 500x370                        | 25                | <b>535324</b>  | 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                | <b>535325</b>  | 1        |
| 250x250                        | 75                | <b>535326</b>  | 1        |
| 370x250                        | 75                | <b>535327</b>  | 1        |
| 500x370                        | 75                | <b>535328</b>  | 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                | <b>535126</b>  | 1        |
| 250x250                        | 25                | <b>535135</b>  | 1        |
| 370x250                        | 25                | <b>535137</b>  | 1        |
| 500x370                        | 25                | <b>535157</b>  | 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                | <b>535131</b>  | 1        |
| 250x250                        | 75                | <b>535140</b>  | 1        |
| 370x250                        | 75                | <b>535142</b>  | 1        |
| 500x370                        | 75                | <b>535162</b>  | 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                | <b>535640</b>  | 1        |
| 250x185                        | 80                | 11                 | <b>535643</b>  | 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                 | <b>538110</b>  | 2        |
| b    | 175x60                 | 15                 | <b>538210</b>  | 2        |
| c    | 295x60                 | 15                 | <b>538310</b>  | 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                 | <b>538130</b>  | 2        |
| b    | 175x60                 | 45                 | <b>538230</b>  | 2        |
| c    | 295x60                 | 45                 | <b>538330</b>  | 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 | <b>538385</b>  | 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),<br>2 by 16x4 (earth and neutral),<br>3 of ø 9 (auxiliary circuits)   | <b>538180</b>  | 1        |
| b                      | 3 of 25x5 (25x6 - 32x5 - 32x6),<br>2 of 25x5 (earth and neutral),<br>3 of ø 11 (auxiliary circuits) | <b>538280</b>  | 1        |
| c                      | 6 of 40x5 (40x8 - 50x5 - 50x8),<br>4 of 25x5 (25x6 - 32x5 - 32x6)                                   | <b>538380</b>  | 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          | <b>472967</b>  | 1        |
| 142x113                      | 125A                      | a          | <b>472968</b>  | 1        |
| 207x113                      | 63A                       | b          | <b>472977</b>  | 1        |
| 207x113                      | 125A                      | b          | <b>472978</b>  | 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                              | <b>IEC/EN 602208</b><br><b>IEC/EN 60670-1</b>      |
| Material                                               | <b>Aluminium alloy</b>                             |
| Surface treatment                                      | <b>Passivation with fluoro-zirconium treatment</b> |
| Paint                                                  | <b>Hot-polymerised non-toxic polyester</b>         |
| Protection rating (IP according to IEC/EN 60529)       | <b>IP55 - IP67</b>                                 |
| Colour                                                 | <b>RAL5012 (cover)</b><br><b>RAL7035 (base)</b>    |
| Impact resistance (IK grade according to IEC/EN 62262) | <b>IK10</b>                                        |
| Insulation class                                       | <b>I</b>                                           |
| Storage temperature                                    | <b>-50°C - +90°C</b>                               |
| Operating temperature                                  | <b>-40°C - +90°C</b>                               |



### 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              | <br>blind walls   | <b>511110*</b> | 1        |
|                       | <br>blind walls   | <b>511210</b>  | 1        |
| 125x125x63            | <br>F1            | <b>511212</b>  | 1        |
|                       | <br>F1            | <b>511214</b>  | 1        |
|                       | <br>blind walls   | <b>511220</b>  | 1        |
| 185x125x63            | <br>F1          | <b>511222</b>  | 1        |
|                       | <br>F1 F2       | <b>511224</b>  | 1        |
|                       | <br>F1          | <b>511232</b>  | 1        |
| 252x125x63            | <br>F1 F2       | <b>511234</b>  | 1        |
|                       | <br>blind walls | <b>521210</b>  | 1        |
| 155x155x63            | <br>F1          | <b>521214</b>  | 1        |
|                       | <br>blind walls | <b>511310</b>  | 1        |
| 185x185x95            | <br>F3          | <b>511312</b>  | 1        |
|                       | <br>F3          | <b>511314</b>  | 1        |
|                       | <br>blind walls | <b>511320</b>  | 1        |
| 252x185x95            | <br>F3          | <b>511322</b>  | 1        |
|                       | <br>F3 F4       | <b>511324</b>  | 1        |

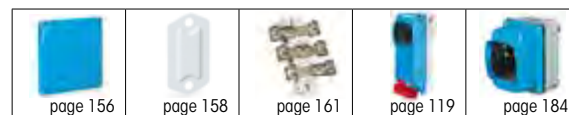
| Outer dimensions (mm) | Window type                                                                                         | Palazzoli code | Pack Qty |
|-----------------------|-----------------------------------------------------------------------------------------------------|----------------|----------|
| 220x220x95            | <br>F3           | <b>521314</b>  | 1        |
| 252x252x140           | <br>F5           | <b>511412</b>  | 1        |
|                       | <br>F5           | <b>511414</b>  | 1        |
|                       | <br>blind walls  | <b>511420</b>  | 1        |
| 315x252x140           | <br>F5           | <b>511422</b>  | 1        |
|                       | <br>F5           | <b>511424</b>  | 1        |
| 507x252x140           | <br>F5           | <b>511452</b>  | 1        |
| 295x295x105           | <br>F4          | <b>521414</b>  | 1        |
|                       | <br>blind wall | <b>511512</b>  | 1        |
| 315x315x140           | <br>F5         | <b>511514</b>  | 1        |
|                       | <br>blind wall | <b>511612</b>  | 1        |
| 373x373x140           | <br>F6         | <b>511614</b>  | 1        |
|                       | <br>F6         | <b>511632</b>  | 1        |
| 507x373x140           | <br>F6         | <b>511634</b>  | 1        |
| 630x373x140           | <br>F6         | <b>511642</b>  | 1        |
|                       | <br>F6         | <b>511822</b>  | 1        |
| 630x507x140           | <br>F6         | <b>511824</b>  | 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                | <b>515111</b>  | 1        |
| 125x125                        | 10                | <b>515200</b>  | 1        |
| 185x125                        | 25                | <b>515221</b>  | 1        |
| 155x155                        | 10                | <b>525200</b>  | 1        |
| 185x185                        | 10                | <b>515300</b>  | 1        |
| 220x220                        | 13                | <b>525300</b>  | 1        |
| 252x252                        | 25                | <b>515411</b>  | 1        |
| 507x252                        | 53                | <b>515453</b>  | 1        |
| 295x295                        | 18                | <b>525410</b>  | 1        |
| 315x315                        | 53                | <b>515512</b>  | 1        |
| 373x373                        | 25                | <b>515610</b>  | 1        |
| 507x373                        | 53                | <b>515632</b>  | 1        |
| 630x373                        | 53                | <b>515642</b>  | 1        |
| 630x507                        | 53                | <b>515822</b>  | 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                | <b>515112</b>  | 1        |
| 125x92                         | 50                | <b>515124</b>  | 1        |
| 185x92                         | 50                | <b>515144</b>  | 1        |
| 125x125                        | 50                | <b>515214</b>  | 1        |
| 185x125                        | 50                | <b>515224</b>  | 1        |
| 252x125                        | 50                | <b>515234</b>  | 1        |
| 185x185                        | 50                | <b>515313</b>  | 1        |
| 252x185                        | 57                | <b>515323</b>  | 1        |
| 252x252                        | 57                | <b>515413</b>  | 1        |
| 315x252                        | 53                | <b>515423</b>  | 1        |
| 373x373                        | 80                | <b>515613</b>  | 1        |
| 507x373                        | 165               | <b>515637</b>  | 1        |
| 630x373                        | 127               | <b>515645</b>  | 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                  | <b>518204</b>  | 1        |
| 185x125                        | 80          | 6.5                | <b>518206</b>  | 1        |
| 185x185                        | 80          | 7.5                | <b>518207</b>  | 1        |
| 252x125                        | 80          | 9                  | <b>518209</b>  | 1        |
| 252x185                        | 80          | 11                 | <b>518211</b>  | 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         | <br>Blind walls | 4                  | 13                    | <b>512204</b>  | 1        |
| 185x125         | <br>Blind walls | 6.5                | 15                    | <b>512206</b>  | 1        |
| 252x185         | <br>Blind walls | 11                 | 20                    | <b>512211</b>  | 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                | <b>516314</b>  | 1        |
| 252x185                        | 64                | <b>516324</b>  | 1        |
| 252x252                        | 64                | <b>516414</b>  | 1        |
| 315x252                        | 72                | <b>516424</b>  | 1        |
| 507x252                        | 72                | <b>516454</b>  | 1        |
| 373x373                        | 40                | <b>516611</b>  | 1        |
| 373x373                        | 72                | <b>516613</b>  | 1        |
| 507x373                        | 40                | <b>516631</b>  | 1        |
| 507x373                        | 140               | <b>516636</b>  | 1        |
| 630x373                        | 68                | <b>516643</b>  | 1        |
| 630x507                        | 68                | <b>516823</b>  | 1        |
| 630x507                        | 140               | <b>516826</b>  | 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            | <b>519210</b>  | 1        |
| 155x155x63                     | 177x177x16,5          | <b>529210</b>  | 1        |
| 185x185x95                     | 207x207x16,5          | <b>519310</b>  | 1        |
| 220x220x95                     | 245x245x20            | <b>529310</b>  | 1        |
| 295x295x105                    | 325x325x22            | <b>529410</b>  | 1        |
| 373x373x140                    | 405x405x25            | <b>519610</b>  | 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              | <br>blind walls | <b>150006</b>  | 1        |
| 92x92x66              |                 | <b>150001</b>  | 1        |
| 125x125x73            | <br>blind walls | <b>150016</b>  | 1        |
| 125x125x73            |                 | <b>150011</b>  | 1        |
| 155x155x73            | <br>blind walls | <b>150026</b>  | 1        |
| 155x155x73            |                 | <b>150021</b>  | 1        |
| 185x185x105           |               | <b>150031</b>  | 1        |
| 220x220x107           |               | <b>150041</b>  | 1        |
| 295x295x121           |               | <b>150051</b>  | 1        |
| 373x373x165           |               | <b>150061</b>  | 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:

|                                                                                                 |                                                                                                  |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <br>page 158 | <br>page 161 |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

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

| For windows              | Projection (mm) | Palazzoli code | Pack Qty |
|--------------------------|-----------------|----------------|----------|
| F0 (insulating material) | 5               | <b>540030</b>  | 1        |
| F1 (insulating material) | 6               | <b>540031</b>  | 5        |
| F0                       | 2.5             | <b>540090</b>  | 5        |
| F1                       | 5.5             | <b>540091</b>  | 5        |
| F2                       | 5.5             | <b>540032</b>  | 1        |
| F3                       | 6               | <b>540033</b>  | 2        |
| F4                       | 6               | <b>540034</b>  | 2        |
| F5                       | 7               | <b>540035</b>  | 2        |
| F6                       | 8               | <b>540036</b>  | 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              | <b>540061</b>  | 1        |
| F2          | 32              | <b>540062</b>  | 1        |
| F3          | 50              | <b>540063</b>  | 1        |
| F4          | 50              | <b>540064</b>  | 1        |
| F5          | 80              | <b>540065</b>  | 1        |
| F6          | 80              | <b>540066</b>  | 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              | <b>541050</b>  | 1        |
| F1          | M25            | 18              | <b>541055</b>  | 1        |
| F1          | M32            | 51              | <b>540180</b>  | 1        |
| F2          | M32            | 51              | <b>540185</b>  | 1        |
| F2          | M40            | 51              | <b>540186</b>  | 1        |
| F3          | M40            | 51              | <b>540190</b>  | 1        |
| F4          | M40            | 51              | <b>540193</b>  | 1        |
| F5          | M50            | 51              | <b>540195</b>  | 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              | <b>541010</b>  | 1        |
| F0 (insulating material) | 3/4"           | 9-17                      | 29              | <b>541020</b>  | 1        |
| F0                       | 1/2"           | 9-12                      | 31              | <b>541080</b>  | 1        |
| F0                       | 3/4"           | 9-17                      | 33              | <b>541090</b>  | 1        |
| F0                       | 1"             | 17-20                     | 34              | <b>541030</b>  | 1        |
| F1                       | 1/2"           | 8-13                      | 29              | <b>541011</b>  | 1        |
| F1                       | 3/4"           | 10-18                     | 33              | <b>541021</b>  | 1        |
| F1                       | 1"             | 14-19                     | 63              | <b>540151</b>  | 1        |
| F1                       | 1" 1/4         | 22-26                     | 63              | <b>540141</b>  | 1        |
| F2                       | 1"             | 18-20                     | 63              | <b>540152</b>  | 1        |
| F2                       | 1" 1/4         | 25-26                     | 64              | <b>540142</b>  | 1        |
| F3                       | 1" 1/2         | 32-35                     | 82              | <b>540153</b>  | 1        |
| F4                       | 1" 1/2         | 32-35                     | 88              | <b>540154</b>  | 1        |
| F5                       | 2"             | 42-44                     | 124             | <b>540145</b>  | 1        |
| F6                       | 2" 3/4         | 57-58                     | 154             | <b>540156</b>  | 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              | <b>541040</b>  | 1        |
| F1          | 3/4"           | 12-16                     | 57              | <b>540161</b>  | 1        |
| F2          | 1"             | 18-20                     | 62              | <b>540162</b>  | 1        |
| F3          | 1" 1/4         | 25-26                     | 79              | <b>540163</b>  | 1        |
| F4          | 1" 1/2         | 32-35                     | 124             | <b>540164</b>  | 1        |
| F5          | 2"             | 42-44                     | 154             | <b>540165</b>  | 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               | <b>544031</b>  | 1        |
| F2          | 90              | 26               | <b>544022</b>  | 1        |
| F3          | 110             | 42               | <b>544033</b>  | 1        |
| F4          | 140             | 54               | <b>544034</b>  | 1        |
| F5          | 160             | 65               | <b>544035</b>  | 1        |
| F6          | 250             | 80               | <b>544036</b>  | 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                   | <b>545081</b>  | 1        |
| F2          | 74              | 32                   | <b>545082</b>  | 1        |
| F3          | 83              | 54                   | <b>545083</b>  | 1        |
| F4          | 93              | 60                   | <b>545084</b>  | 1        |
| F5          | 137             | 65                   | <b>545085</b>  | 1        |
| F6          | 137             | 65                   | <b>545086</b>  | 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              | <b>547010</b>  | 1        |
|       | F2                       | F0                     | 4              | <b>547020</b>  | 1        |
|       | F2                       | F1                     | 4              | <b>547021</b>  | 1        |
|       | F3                       | F0                     | 4              | <b>547030</b>  | 1        |
|       | F3                       | F1                     | 4              | <b>547031</b>  | 1        |
|       | F3                       | F2                     | 4              | <b>547032</b>  | 1        |
|       | F3                       | 2xF0                   | 5              | <b>547300</b>  | 1        |
|       | F4                       | F1                     | 4              | <b>547041</b>  | 1        |
|       | F4                       | F2                     | 4              | <b>547042</b>  | 1        |
|       | F4                       | F3                     | 4              | <b>547043</b>  | 1        |
|       | F4                       | F1+F0                  | 6              | <b>547410</b>  | 1        |
|       | F4                       | 2xF1                   | 5              | <b>547411</b>  | 1        |
|       | F5                       | F3                     | 5              | <b>547053</b>  | 1        |
|       | F5                       | F4                     | 5              | <b>547054</b>  | 1        |
|       | F6                       | F3                     | 5              | <b>547063</b>  | 1        |
|       | F6                       | F4                     | 5              | <b>547064</b>  | 1        |
|       | F6                       | F5                     | 5              | <b>547065</b>  | 1        |
|       | F5                       | F1                     | 5              | <b>547151</b>  | 1        |
|       | F5                       | F2                     | 5              | <b>547152</b>  | 1        |
|       | F6                       | F1                     | 5              | <b>547161</b>  | 1        |
|       | F6                       | F2                     | 5              | <b>547162</b>  | 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**

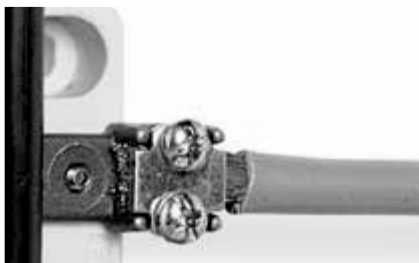
| Support base dimensions (mm) | Installable sockets/plugs | Box window | Palazzoli code | Pack Qty |
|------------------------------|---------------------------|------------|----------------|----------|
| 200x133                      | 63A                       | F5         | <b>472947</b>  | 1    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

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

**Technical accessories:**

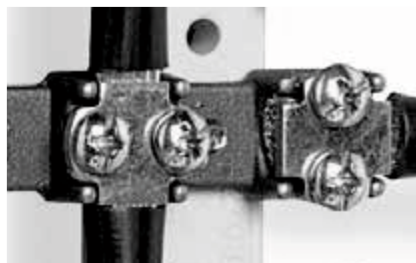


# CONTACT



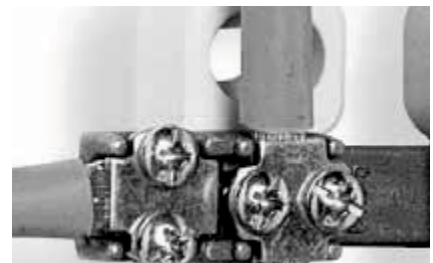
## Guaranteed tightening

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 4mm<sup>2</sup> and 300mm<sup>2</sup>. The products comply with EN 60998-1 and EN 60998-2-1 standards.

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



#### Technical features of saddle terminal blocks:

| Rated cross-section (mm <sup>2</sup> ) | Rated current (A) | Entry cable sections (mm <sup>2</sup> ) | 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 <sup>2</sup> ) | Rated current (A) | Entry cable sections (mm <sup>2</sup> ) | 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 <sup>2</sup> ) | Rated current (A) | Entry cable sections (mm <sup>2</sup> ) | 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 <sup>2</sup>     | <b>159030</b>  | 1        |
| 185x125                  | 125x125 | 4x16 mm <sup>2</sup>     | <b>159040</b>  | 10       |
|                          |         | 3x25 mm <sup>2</sup>     | <b>159032</b>  | 1        |
|                          | 155x155 | 4x25 mm <sup>2</sup>     | <b>159042</b>  | 5        |
|                          |         | 3x35 mm <sup>2</sup>     | <b>159033</b>  | 5        |
| 190x185                  | 185x185 | 4x35 mm <sup>2</sup>     | <b>159043</b>  | 1        |
|                          |         | 3x70 mm <sup>2</sup>     | <b>159034</b>  | 1        |
| 250x250                  | 220x220 | 4x70 mm <sup>2</sup>     | <b>159044</b>  | 1        |
|                          |         | 3x120 mm <sup>2</sup>    | <b>159035</b>  | 1        |
| 370x250                  | 295x295 | 4x120 mm <sup>2</sup>    | <b>159045</b>  | 1        |
|                          |         | 3x240 mm <sup>2</sup>    | <b>159036</b>  | 1        |
| 500x370                  | 373x373 | 4x240 mm <sup>2</sup>    | <b>159046</b>  | 1        |
|                          |         | 3x300 mm <sup>2</sup>    | <b>159037</b>  | 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 <sup>2</sup>      | <b>532725</b>  | 1        |
|                                    | 4x6 mm <sup>2</sup>      | <b>532735</b>  | 1        |
|                                    | 6x4 mm <sup>2</sup>      | <b>532755</b>  | 1        |
| 92x125, 92x185<br>125x125, 125x185 | 4x6 mm <sup>2</sup>      | <b>532745</b>  | 1        |
|                                    | 4x16 mm <sup>2</sup>     | <b>532747</b>  | 1        |
|                                    | 6x6 mm <sup>2</sup>      | <b>532765</b>  | 1        |
| 125x250                            | 4x16 mm <sup>2</sup>     | <b>532748</b>  | 1        |
|                                    | 6x16 mm <sup>2</sup>     | <b>532768</b>  | 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 <sup>2</sup>     | <b>113194</b>  | 1        |

#### Technical accessories:





## UNI series

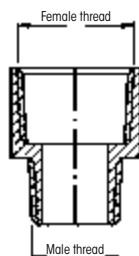
Cable glands in technopolymer and nickel-plated brass

Thermoplastic  
standard applications

|                                                     |                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Compliance with standards                           | IEC/EN 60423<br>EN 50262                                                                                                                 |
| Material                                            | Polyamide<br>(technopolymer version)<br>Nickel-plated brass<br>(brass version)<br>Neoprene<br>(gasket)<br>Galvanised steel<br>(adaptors) |
| Protection rating<br>(IP according to IEC/EN 60529) | IP67 - IP68                                                                                                                              |
| Colour                                              | RAL7035 (technopolymer)                                                                                                                  |
| Operating temperature<br>(insulating material)      | Cable glands: -30°C - +100°C<br>Adaptors: -30°C - +90°C                                                                                  |
| Operating temperature<br>(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       | <b>580291</b>  | 1        |
| Pg16        | M20x1.5       | <b>580292</b>  | 1        |
| Pg21        | M25x1.5       | <b>580294</b>  | 1        |
| Pg29        | M32x1.5       | <b>580295</b>  | 1        |
| Pg36        | M40x1.5       | <b>580296</b>  | 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"          | <b>580271</b>  | 1        |
| Pg16        | 1/2"          | <b>580272</b>  | 1        |
| Pg21        | 3/4"          | <b>580274</b>  | 1        |
| Pg29        | 1"            | <b>580275</b>  | 1        |
| Pg36        | 1" 1/2        | <b>580276</b>  | 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       | <b>580261</b>  | 1        |
| 3/4" Gas    | M25x1.5       | <b>580264</b>  | 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<br>(mm) | Fastening<br>diameter<br>(mm) | Thread length<br>(mm) | Palazzoli<br>code | Pack<br>Qty |
|-----------|-----------------------|-------------------------------|-----------------------|-------------------|-------------|
| M12x1,5   | 12.5                  | 2.5-6.5                       | 8                     | <b>581012</b>     | 100         |
| M16x1.5   | 16.5                  | 3.5-10                        | 10                    | <b>581016</b>     | 50          |
| M20x1.5   | 20.5                  | 7-14                          | 10                    | <b>581020</b>     | 50          |
| M25x1.5   | 25.5                  | 9-18                          | 10                    | <b>581025</b>     | 25          |
| M32x1,5   | 32.5                  | 14-25                         | 10                    | <b>581032</b>     | 20          |
| M40x1.5   | 40.5                  | 18-32                         | 10                    | <b>581040</b>     | 10          |
| M50x1.5   | 50.5                  | 24-38.5                       | 12                    | <b>581050</b>     | 5           |
| M63x1.5   | 63.5                  | 35-48                         | 12                    | <b>581063</b>     | 5           |



**Locknuts**  
in insulating material  
with **metric threading**

| Threading | Palazzoli<br>code | Pack<br>Qty |
|-----------|-------------------|-------------|
| M12x1,5   | <b>581212</b>     | 50          |
| M16x1.5   | <b>581216</b>     | 50          |
| M20x1.5   | <b>581220</b>     | 50          |
| M25x1.5   | <b>581225</b>     | 50          |
| M32x1,5   | <b>581232</b>     | 50          |
| M40x1.5   | <b>581240</b>     | 20          |
| M50x1.5   | <b>581250</b>     | 10          |
| M63x1.5   | <b>581263</b>     | 5           |



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

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

**Uses:** for cable/conduit entry into boxes with very thick walls.



## UNI series

Cable glands in technopolymer and nickel-plated brass

Thermoplastic  
standard applications



**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                  | <b>571007</b>  | 100      |
| 9    | 16                 | 2.5-8                   | 8                  | <b>571009</b>  | 50       |
| 11   | 19                 | 3.5-10                  | 8                  | <b>571011</b>  | 50       |
| 13.5 | 21                 | 5-12                    | 9                  | <b>571013</b>  | 50       |
| 16   | 23                 | 7-14                    | 10                 | <b>571016</b>  | 50       |
| 21   | 29                 | 9-18                    | 11                 | <b>571021</b>  | 25       |
| 29   | 38                 | 14-25                   | 11                 | <b>571029</b>  | 20       |
| 36   | 48                 | 18-32                   | 13                 | <b>571036</b>  | 10       |
| 42   | 55                 | 24-38.5                 | 13                 | <b>571042</b>  | 5        |
| 48   | 61                 | 35-48                   | 14                 | <b>571048</b>  | 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                 | <b>571107</b>  | 50       |
| 9    | 16                 | 5-8                     | 15                 | <b>571109</b>  | 50       |
| 11   | 19                 | 6-10                    | 15                 | <b>571111</b>  | 50       |
| 13.5 | 21                 | 8-12                    | 15                 | <b>571113</b>  | 50       |
| 16   | 23                 | 10-14                   | 15                 | <b>571116</b>  | 50       |
| 21   | 29                 | 11.5-18                 | 15                 | <b>571121</b>  | 20       |
| 29   | 38                 | 15-24                   | 15                 | <b>571129</b>  | 20       |
| 36   | 48                 | 24-34                   | 18                 | <b>571136</b>  | 10       |
| 42   | 55                 | 34-42                   | 18                 | <b>571142</b>  | 10       |
| 48   | 61                 | 37-45                   | 18                 | <b>571148</b>  | 10       |



**Screwcaps**  
in insulating material  
with **Pg** threading  
**IP67**

| Pg   | Palazzoli code | Pack Qty |
|------|----------------|----------|
| 13.5 | <b>580230</b>  | 100      |
| 16   | <b>580231</b>  | 100      |
| 21   | <b>580232</b>  | 100      |
| 29   | <b>580233</b>  | 50       |
| 36   | <b>580234</b>  | 25       |



**Locknuts**  
in insulating material  
with **Pg** threading

| Pg   | Palazzoli code | Pack Qty |
|------|----------------|----------|
| 7    | <b>571207</b>  | 50       |
| 9    | <b>571209</b>  | 50       |
| 11   | <b>571211</b>  | 50       |
| 13.5 | <b>571213</b>  | 50       |
| 16   | <b>571216</b>  | 50       |
| 21   | <b>571221</b>  | 25       |
| 29   | <b>571229</b>  | 20       |
| 36   | <b>571236</b>  | 10       |
| 42   | <b>571242</b>  | 5        |
| 48   | <b>571248</b>  | 5        |



**Screwcaps**  
with **anti-condensation filter**  
with **Pg** threading  
**IP54**

| Pg | Mounting hole (mm) | Palazzoli code | Pack Qty |
|----|--------------------|----------------|----------|
| 16 | 23                 | <b>580211</b>  | 1        |
| 21 | 29                 | <b>580212</b>  | 1        |
| 29 | 38                 | <b>580213</b>  | 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.



## UNI series

Cable glands in technopolymer and nickel-plated brass

Brass  
heavy-duty applications



**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                | <b>582012</b>  | 100      |
| M16x1.5   | 16.5               | 4-9.5                   | 7                  | <b>582016</b>  | 50       |
| M20x1.5   | 20.5               | 7-13                    | 8                  | <b>582020</b>  | 50       |
| M25x1.5   | 25.5               | 8-16                    | 8                  | <b>582025</b>  | 25       |
| M32x1,5   | 32.5               | 11-21                   | 9                  | <b>582032</b>  | 20       |
| M40x1.5   | 40.5               | 15-27                   | 9                  | <b>582041</b>  | 10       |
| M50x1.5   | 50.5               | 22-35                   | 10                 | <b>582050</b>  | 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                 | <b>582112</b>  | 100      |
| M16x1.5   | 16.5               | 4-9.5                   | 15                 | <b>582116</b>  | 50       |
| M20x1.5   | 20.5               | 7-13                    | 15                 | <b>582120</b>  | 50       |
| M25x1.5   | 25.5               | 8-16                    | 15                 | <b>582125</b>  | 25       |
| M32x1,5   | 32.5               | 11-21                   | 15                 | <b>582132</b>  | 20       |
| M40x1.5   | 40.5               | 15-27                   | 15                 | <b>582141</b>  | 10       |
| M50x1.5   | 50.5               | 22-35                   | 15                 | <b>582150</b>  | 5        |
| M63x1.5   | 63.5               | 35-48                   | 15                 | <b>582163</b>  | 5        |



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

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



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

| Threading | Palazzoli code | Pack Qty |
|-----------|----------------|----------|
| M12x1,5   | <b>582212</b>  | 50       |
| M16x1.5   | <b>582216</b>  | 50       |
| M20x1.5   | <b>582220</b>  | 50       |
| M25x1.5   | <b>582225</b>  | 25       |
| M32x1,5   | <b>582232</b>  | 20       |
| M40x1.5   | <b>582240</b>  | 10       |
| M50x1.5   | <b>582250</b>  | 10       |
| M63x1.5   | <b>582263</b>  | 5        |





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

| Pg   | Mounting hole<br>(mm) | Fastening<br>diameter<br>(mm) | Thread length<br>(mm) | Palazzoli<br>code | Pack<br>Qty |
|------|-----------------------|-------------------------------|-----------------------|-------------------|-------------|
| 7    | 13                    | 2.5-6.5                       | 5                     | <b>572007</b>     | 50          |
| 9    | 15,5                  | 4-9.5                         | 6                     | <b>572009</b>     | 50          |
| 11   | 19                    | 6-11,5                        | 6                     | <b>572011</b>     | 50          |
| 13.5 | 21                    | 7-13                          | 6.5                   | <b>572013</b>     | 50          |
| 16   | 23                    | 8-15                          | 6.5                   | <b>572016</b>     | 50          |
| 21   | 29                    | 11-19                         | 7                     | <b>572021</b>     | 20          |
| 29   | 37.5                  | 16-26                         | 8                     | <b>572029</b>     | 20          |
| 36   | 47.5                  | 22-34.5                       | 9                     | <b>572036</b>     | 10          |
| 42   | 54.5                  | 27-40                         | 10                    | <b>572042</b>     | 5           |



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

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



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

| Pg   | Mounting hole<br>(mm) | Fastening<br>diameter<br>(mm) | Thread length<br>(mm) | Palazzoli<br>code | Pack<br>Qty |
|------|-----------------------|-------------------------------|-----------------------|-------------------|-------------|
| 7    | 13                    | 2.5-6.5                       | 12                    | <b>572107</b>     | 50          |
| 9    | 15,5                  | 4-9.5                         | 12                    | <b>572109</b>     | 50          |
| 11   | 19                    | 6-11,5                        | 12                    | <b>572111</b>     | 50          |
| 13.5 | 21                    | 7-13                          | 12                    | <b>572113</b>     | 50          |
| 16   | 23                    | 8-15                          | 12                    | <b>572116</b>     | 50          |
| 21   | 29                    | 11-19                         | 12                    | <b>572121</b>     | 20          |
| 29   | 37.5                  | 16-26                         | 15                    | <b>572129</b>     | 20          |
| 36   | 47.5                  | 22-34.5                       | 15                    | <b>572136</b>     | 10          |
| 42   | 54.5                  | 27-40                         | 15                    | <b>572142</b>     | 5           |
| 48   | 60                    | 35-48                         | 15                    | <b>572148</b>     | 5           |



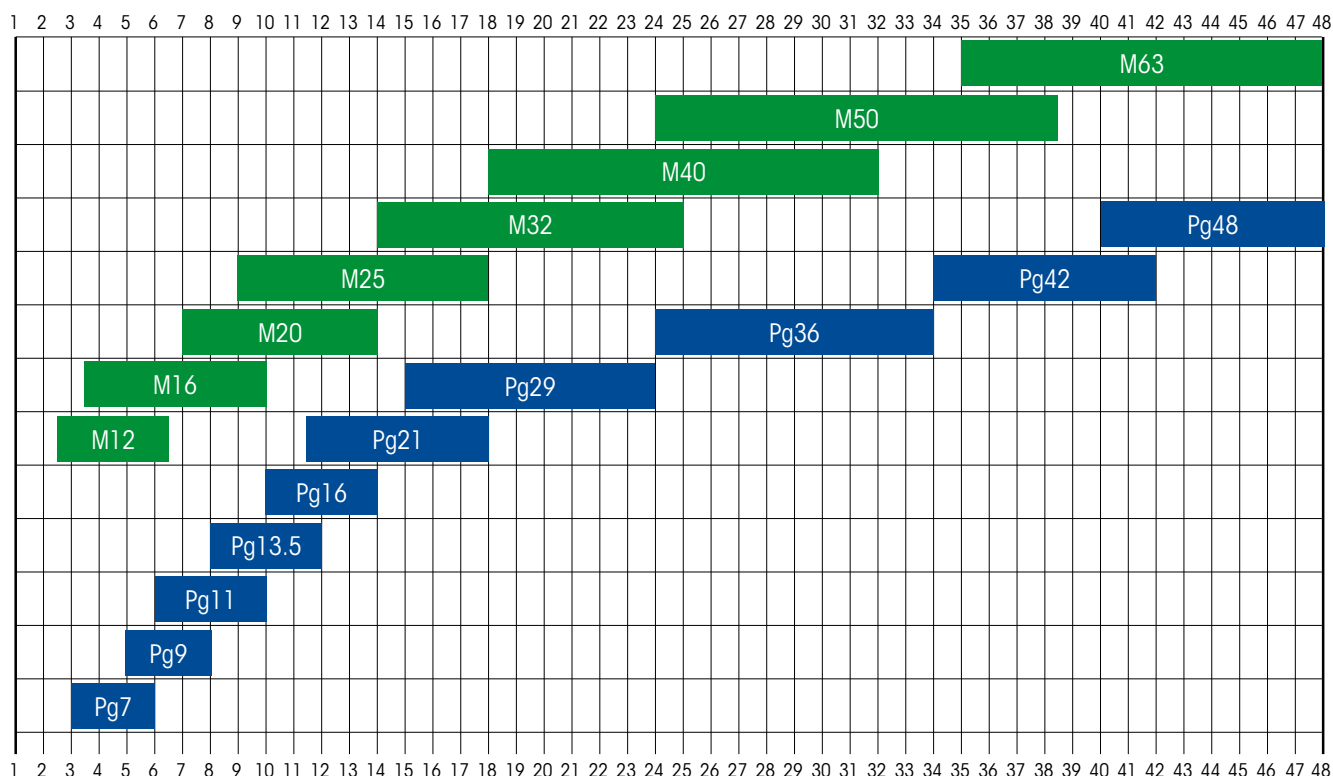
**Locknuts**  
in nickel-plated brass  
with **Pg** threading

| Pg   | Palazzoli<br>code | Pack<br>Qty |
|------|-------------------|-------------|
| 7    | <b>572207</b>     | 50          |
| 9    | <b>572209</b>     | 50          |
| 11   | <b>572211</b>     | 50          |
| 13.5 | <b>572213</b>     | 50          |
| 16   | <b>572216</b>     | 50          |
| 21   | <b>572221</b>     | 20          |
| 29   | <b>572229</b>     | 20          |
| 36   | <b>572236</b>     | 10          |
| 42   | <b>572242</b>     | 5           |
| 48   | <b>572248</b>     | 5           |



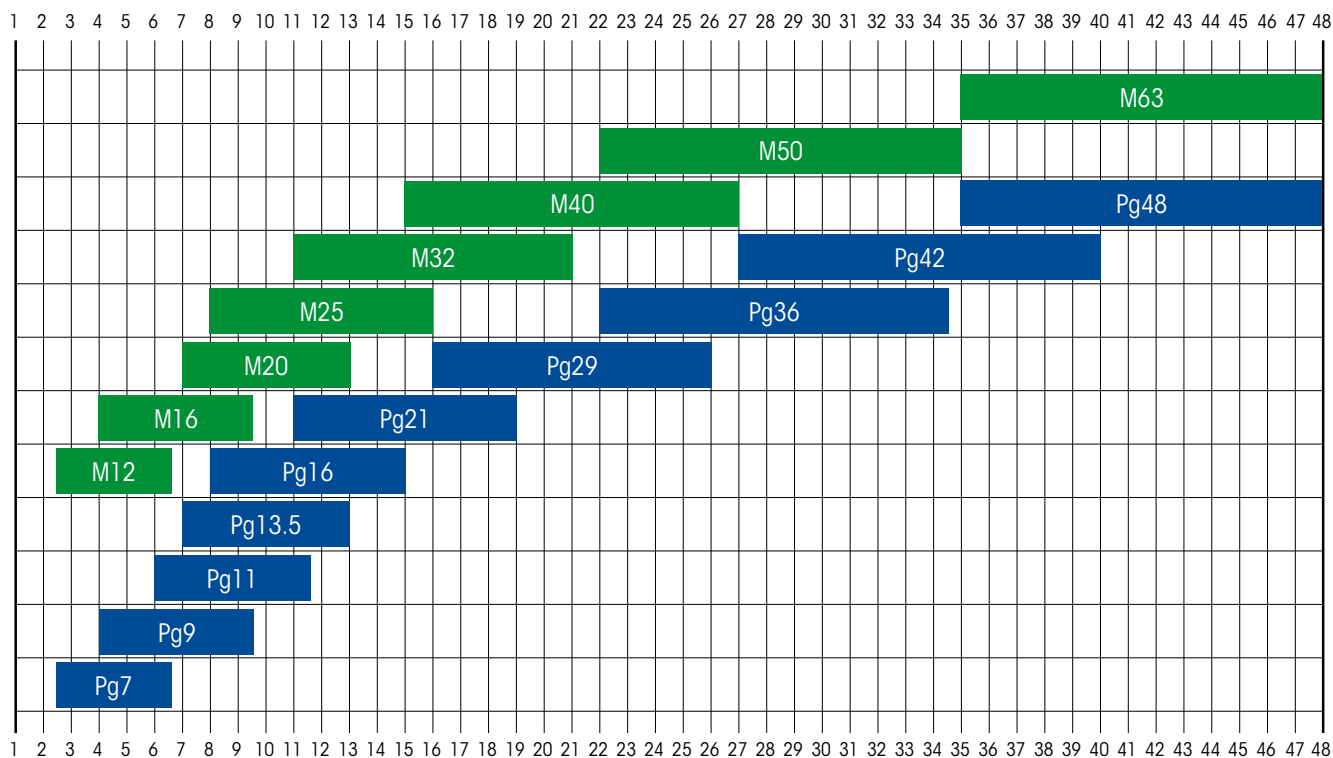
## Metric and Pg pitch cable glands selection chart

### 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. In the center, 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. Overlaid on this scene is a network of thin, light blue lines connecting various points, resembling a global communication or data network. The Palazzoli logo is positioned in the upper left quadrant.

# **Palazzoli**

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