

Palazzoli

General Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPLICITÀ DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE





| ZONE | GAS | | | DUST | | |
|--------|-----|---|---|------|----|----|
| | 0 | 1 | 2 | 20 | 21 | 22 |
| USABLE | | | X | | X | X |

Watertight wall-mounted interlocked socket-outlets with housing in Palazzoli antistatic thermosetting GRP for use in explosion hazardous areas, as defined in the ATEX Directive 2014/34/EU.

The cover is attached to the body by means of stainless steel screws, while the sealing is ensured by a reinforced gasket in non-ageing elastomer which ensures an IP66 protection rating.

The interlock mechanism is made of metal, and the operation handle is category AC23A-AC3 at rated current with conditional short-circuit current $\geq 10kA$.

| Rated operating current: | | 16A | 20A 32A | 40A 63A | |
|---------------------------------|------|-----|------------|------------|----|
| Thermal current I _{th} | A | 16 | 32 | 63 | |
| AC21A | 415V | A | 16 | 32 | |
| | 500V | | | | |
| AC22A | 415V | A | 16 | 32 | |
| | 500V | | | | |
| AC23A | 230V | A | 16 | 32 | |
| | 400V | | | | |
| | 500V | | | | |
| AC23A | 230V | kW | 4.5 | 8.5 | 20 |
| | 400V | | 7.5 | 15 | 34 |
| | 500V | | 8.5 | 17 | 44 |
| AC3 | 230V | kW | 4.5 | 8.5 | 18 |
| | 400V | | 7.5 | 15 | 31 |
| | 500V | | 8.5 | 17 | 40 |

| Wiring data: | | 16A | 20A 32A | 40A 63A |
|----------------------|-----------------|---------|------------|------------|
| Entry cable diameter | mm | 12 - 18 | 16 - 25 | 22 - 32 |
| Entry cable sections | mm ² | 1 - 10 | | 6 - 16 |
| Tightening torque | Nm | 2 | | |

Compliance with standards
Directive ATEX 2014/34/EU
EN 60079-0
EN 60079-15
EN 60079-31

Directive LVD 2014/35/EU
EN 60309-1
EN 60309-2
EN 60309-4

Atex execution
II 3G 2D
(sockets)
Ex nR IIC T5/T6 Gc
Ex tb IIIC T 80°C...140 °C Db
(table on page 301)
(boxes)
Ex nR IIC Gc
Ex tb IIIC Db

Casing material **Palazzoli antistatic thermosetting GRP**

Surface resistance **<10⁹ Ω**
(prevention of electrostatic charge accumulation)

Protection rating (IP according to IEC/EN 60529) **IP66**

Colour **RAL 9005 (black)**

Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10) **960°C**

Flammability rating (according to UL94) **V0**

Rated current **16A - 32A - 63A**

Operating Voltage **50V - 500V**

Operating frequency **50 - 60Hz**

Conditional short-circuit current isolator switch **$\geq 10kA$**

Insulation voltage **500V**

Insulation class **II**

Operating temperature **-40°C - +65°C**
-40°C ÷ +40°C sockets with fuses and MCB
(table on page 301)





TABLE OF AMBIENT TEMPERATURES AND ATEX MARKINGS

| Version | In | Ambient temperature | Temperature class | Maximum surface temperature | Cable temperature |
|-------------|-----|---------------------|-------------------|-----------------------------|-------------------|
| DUST | | | | | |
| Direct | 16A | -40°C+50°C | - | T90°C | - |
| | | -40°C+65°C | | T105°C | 95°C |
| | 32A | -40°C+50°C | | T110°C | - |
| | | -40°C+65°C | | T125°C | 95°C |
| | 63A | -40°C+50°C | | T125°C | - |
| | | -40°C+65°C | | T140°C | 95°C |
| Fuse | 16A | -40°C - +40°C | T80°C | - | |
| | 32A | | T100°C | - | |
| | 63A | | T115°C | 105°C | |
| MCB | 16A | -40°C - +40°C | T80°C | - | |
| | 32A | | T100°C | - | |
| | 63A | | T115°C | 105°C | |
| GAS | | | | | |
| Direct | 16A | -40°C+50°C | T6 | - | |
| | | -40°C+65°C | T5 | 95°C | |
| | 32A | -40°C+50°C | T6 | - | |
| | | -40°C+65°C | T5 | 95°C | |
| | 63A | -40°C+50°C | T6 | - | |
| | | -40°C+65°C | T5 | 95°C | |
| Fuse | 16A | -40°C - +40°C | T6 | - | |
| | 20A | | | - | |
| | 40A | | | - | |
| MCB | 16A | -40°C - +40°C | T6 | - | |
| | 32A | | | - | |
| | 40A | | | - | |

TABLE OF THE MAXIMUM DISSIPATED POWER OF THE BOXES FOR SETS OF SOCKETS

| Palazzoli code | -40 - +40°C (W) | -40 - +50°C (W) | -40 - +65°C (W) |
|----------------|-----------------|-----------------|-----------------|
| DUST | | | |
| 532240EX | 18 | 12 | 6 |
| 532242EX | 23 | 22 | 11 |
| 532244EX | 25 | 25 | 23 |
| GAS | | | |
| 532240EX | 8 | 8 | 6 |
| 532242EX | 8 | 7 | 7 |
| 532244EX | 9 | 8 | 8 |

Boxes on page 304

TABLE FOR THE SELECTION OF PLUGS THAT CAN BE COMBINED WITH THE SOCKETS FOR ZONE 2

| Rated current | | | |
|--------------------------|------------------------|----------------------------------|------|
| Socket-outlet with fuses | Socket-outlet with MCB | Socket-outlet without protection | Plug |
| 16A | 16A | 16A | 16A |
| 20A | 32A | 32A | 32A |
| 40A | 40A | 63A | 63A |

SUITABLE FOR ZONES 21-22 (DUST)

MODULE 125



Modular interlocked socket-outlets in thermosetting GRP for wall-mounting 50-60Hz IP66

| Rated current (A) | Rated voltage (V) | Voltage colour | Poles | h ref. | Palazzoli code | Pack Qty | |
|-------------------|-------------------|----------------|--------|--------|----------------|----------|----------|
| 16 | 110 | Yellow | 2P+⊕ | 4 | 467124EX | 1 | |
| | 110 | Yellow | 3P+⊕ | 4 | 467134EX | 1 | |
| | 110 | Yellow | 3P+N+⊕ | 4 | 467144EX | 1 | |
| | 230 | Blue | 2P+⊕ | 6 | 467126EX | 1 | |
| | 230 | Blue | 3P+⊕ | 9 | 467139EX | 1 | |
| | 230 | Blue | 3P+N+⊕ | 9 | 467149EX | 1 | |
| | M25 entry | 400 | Red | 2P+⊕ | 9 | 467129EX | 1 |
| | | 400 | Red | 3P+⊕ | 6 | 467136EX | 1 |
| | | 400 | Red | 3P+N+⊕ | 6 | 467146EX | 1 |
| | | 500 | Black | 3P+⊕ | 7 | 467137EX | 1 |
| | | 500 | Black | 3P+N+⊕ | 7 | 467147EX | 1 |
| | | 32 | 110 | Yellow | 2P+⊕ | 4 | 470224EX |
| 110 | Yellow | | 3P+⊕ | 4 | 470234EX | 1 | |
| 110 | Yellow | | 3P+N+⊕ | 4 | 470244EX | 1 | |
| 230 | Blue | | 2P+⊕ | 6 | 470226EX | 1 | |
| 230 | Blue | | 3P+⊕ | 9 | 470239EX | 1 | |
| 230 | Blue | | 3P+N+⊕ | 9 | 470249EX | 1 | |
| M32 entry | 400 | | Red | 2P+⊕ | 9 | 470229EX | 1 |
| | 400 | | Red | 3P+⊕ | 6 | 470236EX | 1 |
| | 400 | | Red | 3P+N+⊕ | 6 | 470246EX | 1 |
| | 500 | | Black | 3P+⊕ | 7 | 470237EX | 1 |
| | 500 | | Black | 3P+N+⊕ | 7 | 470247EX | 1 |
| | 63 | | 110 | Yellow | 2P+⊕ | 4 | 470324EX |
| 110 | | Yellow | 3P+⊕ | 4 | 470334EX | 1 | |
| 110 | | Yellow | 3P+N+⊕ | 4 | 470344EX | 1 | |
| 230 | | Blue | 2P+⊕ | 6 | 470326EX | 1 | |
| 230 | | Blue | 3P+⊕ | 9 | 470339EX | 1 | |
| 230 | | Blue | 3P+N+⊕ | 9 | 470349EX | 1 | |
| M40 entry | | 400 | Red | 2P+⊕ | 9 | 470329EX | 1 |
| | | 400 | Red | 3P+⊕ | 6 | 470336EX | 1 |
| | | 400 | Red | 3P+N+⊕ | 6 | 470346EX | 1 |
| | | 500 | Black | 3P+⊕ | 7 | 470337EX | 1 |
| | | 500 | Black | 3P+N+⊕ | 7 | 470347EX | 1 |

Equipment included: cable gland in technopolymer.

Technical accessories:





SUITABLE FOR ZONE 21-22 (DUST)

MODULE 125



Modular interlocked socket-outlets in thermosetting GRP with **fuse holder base** for wall-mounting 50-60Hz **IP66**

| | Rated current (A) | Rated voltage (V) | Voltage colour | Poles | h ref. | Palazzoli code | Pack Qty |
|-----------------------------------|--------------------------------|-------------------|----------------|--------|--------|----------------|----------|
| 16 M25 entry fuses 10.3x38 | 110 | 110 | Yellow | 2P+⊕ | 4 | 463124EX | 1 |
| | 110 | 110 | Yellow | 3P+⊕ | 4 | 463134EX | 1 |
| | 110 | 110 | Yellow | 3P+N+⊕ | 4 | 463144EX | 1 |
| | 230 | 230 | Blue | 2P+⊕ | 6 | 463126EX | 1 |
| | 230 | 230 | Blue | 3P+⊕ | 9 | 463139EX | 1 |
| | 230 | 230 | Blue | 3P+N+⊕ | 9 | 463149EX | 1 |
| | 400 | 400 | Red | 2P+⊕ | 9 | 463129EX | 1 |
| | 400 | 400 | Red | 3P+⊕ | 6 | 463136EX | 1 |
| | 400 | 400 | Red | 3P+N+⊕ | 6 | 463146EX | 1 |
| | 500 | 500 | Black | 3P+⊕ | 7 | 463137EX | 1 |
| | 500 | 500 | Black | 3P+N+⊕ | 7 | 463147EX | 1 |
| | 32 M32 entry fuses 14x51 | 110 | 110 | Yellow | 2P+⊕ | 4 | 472611EX |
| 110 | | 110 | Yellow | 3P+⊕ | 4 | 472711EX | 1 |
| 110 | | 110 | Yellow | 3P+N+⊕ | 4 | 472811EX | 1 |
| 230 | | 230 | Blue | 2P+⊕ | 6 | 472621EX | 1 |
| 230 | | 230 | Blue | 3P+⊕ | 9 | 472721EX | 1 |
| 230 | | 230 | Blue | 3P+N+⊕ | 9 | 472821EX | 1 |
| 400 | | 400 | Red | 2P+⊕ | 9 | 472631EX | 1 |
| 400 | | 400 | Red | 3P+⊕ | 6 | 472731EX | 1 |
| 400 | | 400 | Red | 3P+N+⊕ | 6 | 472831EX | 1 |
| 500 | | 500 | Black | 3P+⊕ | 7 | 472751EX | 1 |
| 500 | | 500 | Black | 3P+N+⊕ | 7 | 472841EX | 1 |
| 63 M40 entry fuses E33 DIII | | 110 | 110 | Yellow | 2P+⊕ | 4 | 472612EX |
| | 110 | 110 | Yellow | 3P+⊕ | 4 | 472712EX | 1 |
| | 110 | 110 | Yellow | 3P+N+⊕ | 4 | 472812EX | 1 |
| | 230 | 230 | Blue | 2P+⊕ | 6 | 472622EX | 1 |
| | 230 | 230 | Blue | 3P+⊕ | 9 | 472722EX | 1 |
| | 230 | 230 | Blue | 3P+N+⊕ | 9 | 472822EX | 1 |
| | 400 | 400 | Red | 2P+⊕ | 9 | 472632EX | 1 |
| | 400 | 400 | Red | 3P+⊕ | 6 | 472732EX | 1 |
| | 400 | 400 | Red | 3P+N+⊕ | 6 | 472832EX | 1 |
| | 500 | 500 | Black | 3P+⊕ | 7 | 472752EX | 1 |
| | 500 | 500 | Black | 3P+N+⊕ | 7 | 472842EX | 1 |

Equipment included: cable gland in technopolymer.
Features: fuses not included. Codes 472612EX, 472622EX, 472632EX have a cable gland with entry diameter of 16-26 mm.

Technical accessories:



MODULE 125



Modular interlocked socket-outlets in thermosetting GRP with **MCB** for wall-mounting 50-60Hz **IP66**

| | Rated current (A) | Rated voltage (V) | Voltage colour | Poles | h ref. | Palazzoli code | Pack Qty | |
|--|---------------------------------------|-------------------|----------------|--------|--------|----------------|----------|---|
| 16 M25 entry switch 4.5 kA curve C | 110 | 110 | Yellow | 2P+⊕ | 4 | 464210EX | 1 | |
| | 110 | 110 | Yellow | 3P+⊕ | 4 | 464310EX | 1 | |
| | 110 | 110 | Yellow | 3P+N+⊕ | 4 | 464410EX | 1 | |
| | 230 | 230 | Blue | 2P+⊕ | 6 | 464220EX | 1 | |
| | 230 | 230 | Blue | 3P+⊕ | 9 | 464320EX | 1 | |
| | 230 | 230 | Blue | 3P+N+⊕ | 9 | 464420EX | 1 | |
| | 400 | 400 | Red | 2P+⊕ | 9 | 464230EX | 1 | |
| | 400 | 400 | Red | 3P+⊕ | 6 | 464330EX | 1 | |
| | 400 | 400 | Red | 3P+N+⊕ | 6 | 464430EX | 1 | |
| | 32 M32 entry switch 6kA curve C | 110 | 110 | Yellow | 3P+⊕ | 4 | 464711EX | 1 |
| | | 110 | 110 | Yellow | 3P+N+⊕ | 4 | 464811EX | 1 |
| | | 230 | 230 | Blue | 2P+⊕ | 6 | 464621EX | 1 |
| 230 | | 230 | Blue | 3P+⊕ | 9 | 464721EX | 1 | |
| 400 | | 400 | Red | 3P+⊕ | 6 | 464731EX | 1 | |
| 400 | | 400 | Red | 3P+N+⊕ | 6 | 464831EX | 1 | |
| 63 M40 entry switch 10kA curve C | 230 | 230 | Blue | 3P+⊕ | 9 | 464722EX | 1 | |
| | 400 | 400 | Red | 3P+⊕ | 6 | 464732EX | 1 | |
| | 400 | 400 | Red | 3P+N+⊕ | 6 | 464832EX | 1 | |

Equipment included: cable gland in technopolymer.
Features: voltage presence indicator light.
Code 464722EX has a cable gland with an entry diameter of 16-26 mm.

Technical accessories:



Software for the design and cost estimation of distribution boards

For any application need you can create your own distribution boards online with TAIS-EX sockets for use in explosion hazardous areas



The Tais-EX software is active on www.palazzoli.com

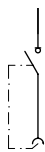


SUITABLE FOR ZONE 2 (GAS)

MODULE 125



Modular interlocked socket-outlets in thermosetting GRP for wall-mounting 50-60Hz IP66



| Rated current (A) | Rated voltage (V) | Voltage colour | Poles | h ref. | Palazzoli code | Pack Qty |
|-------------------|-------------------|----------------|--------|-----------------|-----------------|----------|
| 16 M25 entry | 110 | Yellow | 2P+⊕ | 4 | 467124EX | 1 |
| | 110 | Yellow | 3P+⊕ | 4 | 467134EX | 1 |
| | 110 | Yellow | 3P+N+⊕ | 4 | 467144EX | 1 |
| | 230 | Blue | 2P+⊕ | 6 | 467126EX | 1 |
| | 230 | Blue | 3P+⊕ | 9 | 467139EX | 1 |
| | 230 | Blue | 3P+N+⊕ | 9 | 467149EX | 1 |
| | 400 | Red | 2P+⊕ | 9 | 467129EX | 1 |
| | 400 | Red | 3P+⊕ | 6 | 467136EX | 1 |
| | 400 | Red | 3P+N+⊕ | 6 | 467146EX | 1 |
| | 500 | Black | 3P+⊕ | 7 | 467137EX | 1 |
| 500 | Black | 3P+N+⊕ | 7 | 467147EX | 1 | |
| 32 M32 entry | 110 | Yellow | 2P+⊕ | 4 | 470224EX | 1 |
| | 110 | Yellow | 3P+⊕ | 4 | 470234EX | 1 |
| | 110 | Yellow | 3P+N+⊕ | 4 | 470244EX | 1 |
| | 230 | Blue | 2P+⊕ | 6 | 470226EX | 1 |
| | 230 | Blue | 3P+⊕ | 9 | 470239EX | 1 |
| | 230 | Blue | 3P+N+⊕ | 9 | 470249EX | 1 |
| | 400 | Red | 2P+⊕ | 9 | 470229EX | 1 |
| | 400 | Red | 3P+⊕ | 6 | 470236EX | 1 |
| | 400 | Red | 3P+N+⊕ | 6 | 470246EX | 1 |
| | 500 | Black | 3P+⊕ | 7 | 470237EX | 1 |
| 500 | Black | 3P+N+⊕ | 7 | 470247EX | 1 | |
| 63 M40 entry | 110 | Yellow | 2P+⊕ | 4 | 470324EX | 1 |
| | 110 | Yellow | 3P+⊕ | 4 | 470334EX | 1 |
| | 110 | Yellow | 3P+N+⊕ | 4 | 470344EX | 1 |
| | 230 | Blue | 2P+⊕ | 6 | 470326EX | 1 |
| | 230 | Blue | 3P+⊕ | 9 | 470339EX | 1 |
| | 230 | Blue | 3P+N+⊕ | 9 | 470349EX | 1 |
| | 400 | Red | 2P+⊕ | 9 | 470329EX | 1 |
| | 400 | Red | 3P+⊕ | 6 | 470336EX | 1 |
| | 400 | Red | 3P+N+⊕ | 6 | 470346EX | 1 |
| | 500 | Black | 3P+⊕ | 7 | 470337EX | 1 |
| 500 | Black | 3P+N+⊕ | 7 | 470347EX | 1 | |

Equipment included: cable gland in technopolymer.

Notes: the 63A socket-outlets installed side by side in combination can be used only up to 50A.

Technical accessories:



MODULE 125



Modular interlocked socket-outlets in thermosetting GRP with **fuse holder base** for wall-mounting 50-60Hz IP66



| Rated current (A) | Rated voltage (V) | Voltage colour | Poles | h ref. | Palazzoli code | Pack Qty |
|----------------------------------|-------------------|----------------|--------|-----------------|-----------------|----------|
| 16 M25 entry fuses 10.3x38 | 110 | Yellow | 2P+⊕ | 4 | 463124EX | 1 |
| | 110 | Yellow | 3P+⊕ | 4 | 463134EX | 1 |
| | 110 | Yellow | 3P+N+⊕ | 4 | 463144EX | 1 |
| | 230 | Blue | 2P+⊕ | 6 | 463126EX | 1 |
| | 230 | Blue | 3P+⊕ | 9 | 463139EX | 1 |
| | 230 | Blue | 3P+N+⊕ | 9 | 463149EX | 1 |
| | 400 | Red | 2P+⊕ | 9 | 463129EX | 1 |
| | 400 | Red | 3P+⊕ | 6 | 463136EX | 1 |
| | 400 | Red | 3P+N+⊕ | 6 | 463146EX | 1 |
| | 500 | Black | 3P+⊕ | 7 | 463137EX | 1 |
| 500 | Black | 3P+N+⊕ | 7 | 463147EX | 1 | |
| 20 M32 entry fuses 14x51 | 110 | Yellow | 2P+⊕ | 4 | 472611EX | 1 |
| | 110 | Yellow | 3P+⊕ | 4 | 472711EX | 1 |
| | 110 | Yellow | 3P+N+⊕ | 4 | 472811EX | 1 |
| | 230 | Blue | 2P+⊕ | 6 | 472621EX | 1 |
| | 230 | Blue | 3P+⊕ | 9 | 472721EX | 1 |
| | 230 | Blue | 3P+N+⊕ | 9 | 472821EX | 1 |
| | 400 | Red | 2P+⊕ | 9 | 472631EX | 1 |
| | 400 | Red | 3P+⊕ | 6 | 472731EX | 1 |
| | 400 | Red | 3P+N+⊕ | 6 | 472831EX | 1 |
| | 500 | Black | 3P+⊕ | 7 | 472751EX | 1 |
| 500 | Black | 3P+N+⊕ | 7 | 472841EX | 1 | |
| 40 M32 entry fuses 14x51 | 110 | Yellow | 2P+⊕ | 4 | 463324EX | 1 |
| | 110 | Yellow | 3P+⊕ | 4 | 463334EX | 1 |
| | 110 | Yellow | 3P+N+⊕ | 4 | 463344EX | 1 |
| | 230 | Blue | 2P+⊕ | 6 | 463326EX | 1 |
| | 230 | Blue | 3P+⊕ | 9 | 463339EX | 1 |
| | 230 | Blue | 3P+N+⊕ | 9 | 463349EX | 1 |
| | 400 | Red | 2P+⊕ | 9 | 463329EX | 1 |
| | 400 | Red | 3P+⊕ | 6 | 463336EX | 1 |
| | 400 | Red | 3P+N+⊕ | 6 | 463346EX | 1 |
| | 500 | Black | 3P+⊕ | 7 | 463337EX | 1 |
| 500 | Black | 3P+N+⊕ | 7 | 463347EX | 1 | |

Equipment included: cable gland in technopolymer.

Features: fuses not included.

Technical accessories:



**SUITABLE FOR ZONE 2 (GAS)****SUITABLE FOR ZONE 2 (GAS) AND 21-22 (DUST)**

MODULE 125



Modular interlocked socket-outlets in thermosetting GRP with **MCB** for wall-mounting 50-60Hz **IP66**

| Rated current (A) | Rated voltage (V) | Voltage colour | Poles | h ref. | Palazzoli code | Pack Qty | |
|--|--|----------------|--------|--------|-----------------|-----------------|---|
| 16 M25 entry switch 4.5 kA curve C | 110 | Yellow | 2P+⊕ | 4 | 464210EX | 1 | |
| | 110 | Yellow | 3P+⊕ | 4 | 464310EX | 1 | |
| | 110 | Yellow | 3P+N+⊕ | 4 | 464410EX | 1 | |
| | 230 | Blue | 2P+⊕ | 6 | 464220EX | 1 | |
| | 230 | Blue | 3P+⊕ | 9 | 464320EX | 1 | |
| | 230 | Blue | 3P+N+⊕ | 9 | 464420EX | 1 | |
| | 400 | Red | 2P+⊕ | 9 | 464230EX | 1 | |
| | 400 | Red | 3P+⊕ | 6 | 464330EX | 1 | |
| | 400 | Red | 3P+N+⊕ | 6 | 464430EX | 1 | |
| | 32 M32 entry switch 6 kA curve C | 110 | Yellow | 3P+⊕ | 4 | 464711EX | 1 |
| | | 110 | Yellow | 3P+N+⊕ | 4 | 464811EX | 1 |
| | | 230 | Blue | 2P+⊕ | 6 | 464621EX | 1 |
| 230 | | Blue | 3P+⊕ | 9 | 464721EX | 1 | |
| 40 M32 entry switch 10kA curve C | 400 | Red | 3P+⊕ | 6 | 464731EX | 1 | |
| | 400 | Red | 3P+N+⊕ | 6 | 464831EX | 1 | |
| | 400 | Red | 3P+N+⊕ | 6 | 464346EX | 1 | |

Equipment included: cable gland in technopolymer.**Features:** voltage presence indicator light.

Device for testing the **restricted breathing** of the sockets

| Socket rated current | No. of poles | Palazzoli code | Pack Qty |
|----------------------|------------------|----------------|----------|
| 16A | 2P+⊕ | 478126 | 1 |
| | 3P+⊕ | 478136 | 1 |
| | 3P+N+⊕ | 478146 | 1 |
| 20A/32A | 2P+⊕/3P+⊕ | 478206 | 1 |
| | 3P+N+⊕ | 478246 | 1 |
| 40A/63A | 2P+⊕/3P+⊕/3P+N+⊕ | 478306 | 1 |

Equipment included: transparent tube to be applied to the testing device.**Instructions:** insert the testing device into the socket-outlet (test port), tighten the device's ring nut and do the testing according to Art. 33.7.1 of EN60079-15 standards with the suitable measuring device.

Boxes in thermosetting GRP with blind cover for the creation of multiple socket boards **IP66**

| Outer dimensions (mm) | Power dissipation Ta = +40°C* (W) | | No. of installable devices | Palazzoli code | Pack Qty |
|-----------------------|-----------------------------------|------|----------------------------|-----------------|----------|
| | Gas | Dust | | | |
| 125x185x125 | 8 | 18 | 1 | 532240EX | 1 |
| 250x185x125 | 8 | 23 | 2 | 532242EX | 1 |
| 380x185x125 | 9 | 25 | 3 | 532244EX | 1 |

Features: supplied with drilling template. The protection rating and the consequent certification of the distribution board are guaranteed if the holes in the boxes are made with the special set of hole cutters of the TAIS series, code 538410 according to the instructions provided with the product.

*For Ta values >40°C see the table on page 301.



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

| Outer dimensions (mm) | No. of installable devices | Palazzoli code | Pack Qty |
|-----------------------|----------------------------|----------------|----------|
| 125x630 | 1 | 538800 | 1 |
| 250x630 | 2 | 538802 | 1 |
| 380x630 | 3 | 538804 | 1 |

Equipment included: pre-arranged with brass grub screws and stainless steel screws for fastening devices.**Features:** the guided positioning system simplifies the assembly of the devices onto the plate.

Fittings for coupling sockets with boxes **IP66**

| From hole | To hole | Palazzoli code | Pack Qty |
|-----------|---------|-----------------|----------|
| M25 | M25 | 538421EX | 1 |
| M32 | M32 | 538429EX | 1 |
| M40 | M40 | 538436EX | 1 |

Features: they are required to couple sockets with boxes.

Set of hole cutters cup shaped in steel for quick drill connection tungsten carbide teeth specific for thermosetting GRP

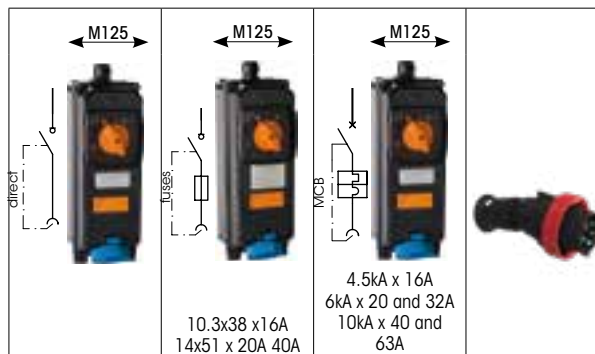
| Hole type | Diameter (mm) | Palazzoli code | Pack Qty |
|-----------------------|---------------------------|----------------|----------|
| M20 - M25 - M32 - M40 | 20.5 - 25.5 - 32.5 - 40.5 | 538410 | 1 |



GUIDE TO THE CREATION OF COMPOSITIONS WITH TAIS-EX SOCKETS

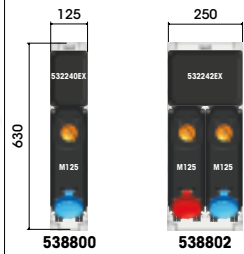
ATEX
II 2D Ex tb IIC
T 80°...140°C
Db

II 3G Ex nR IIC
T5/T6 Gc



TUV CERTIFICATES WIRED BY THE INSTALLER

Dusts zone 21 - 22



538800

538802

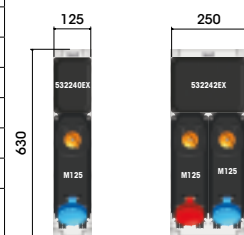
1 socket

2 sockets

DUST ZONE 21-22

| | | | | | | | | |
|------------|------|--------|-----|---|-----------------|-----------------|-----------------|-----------------|
| 16A | 230V | 2P+⊕ | M25 | ● | 467126EX | 463126EX | 464220EX | 760126EX |
| | 400V | 3P+⊕ | M25 | ● | 467136EX | 463136EX | 464330EX | 760136EX |
| | 400V | 3P+N+⊕ | M25 | ● | 467146EX | 463146EX | 464430EX | 760146EX |
| 32A | 230V | 2P+⊕ | M32 | ● | 470226EX | 472621EX | 464621EX | 760226EX |
| | 400V | 3P+⊕ | M32 | ● | 470236EX | 472731EX | 464731EX | 760236EX |
| | 400V | 3P+N+⊕ | M32 | ● | 470246EX | 472831EX | 464831EX | 760246EX |
| 63A | 400V | 3P+⊕ | M40 | ● | 470336EX | 472732EX | 464732EX | 760336EX |
| | 400V | 3P+N+⊕ | M40 | ● | 470346EX | 472832EX | 464832EX | 760346EX |

Gas Zone 2 from 16A to 20A



538800

538802

1 socket

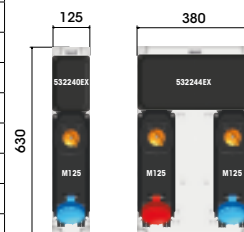
2 sockets

Common equipment for dust and gas: cable gland in technopolymer

GAS ZONE 2

| | | | | | | | | |
|------------|------|--------|-----|---|-----------------|-----------------|-----------------|-----------------|
| 16A | 230V | 2P+⊕ | M25 | ● | 467126EX | 463126EX | 464220EX | 760126EX |
| | 400V | 3P+⊕ | M25 | ● | 467136EX | 463136EX | 464330EX | 760136EX |
| | 400V | 3P+N+⊕ | M25 | ● | 467146EX | 463146EX | 464430EX | 760146EX |
| 20A | 230V | 2P+⊕ | M32 | ● | | 472621EX | | 760226EX |
| | 400V | 3P+⊕ | M32 | ● | | 472731EX | | 760236EX |
| | 400V | 3P+N+⊕ | M32 | ● | | 472831EX | | 760246EX |
| 32A | 230V | 2P+⊕ | M40 | ● | 470226EX | | 464621EX | 760226EX |
| | 400V | 3P+⊕ | M40 | ● | 470236EX | | 464731EX | 760236EX |
| | 400V | 3P+N+⊕ | M40 | ● | 470246EX | | 464831EX | 760246EX |
| 40A | 400V | 3P+⊕ | M40 | ● | | 463336EX | 464336EX | 760336EX |
| | 400V | 3P+N+⊕ | M40 | ● | | 463346EX | 464346EX | 760346EX |
| 63A | 400V | 3P+⊕ | M40 | ● | 470336EX | | | 760336EX |
| | 400V | 3P+N+⊕ | M40 | ● | 470346EX | | | 760346EX |

Gas Zone 2 32A to 63A



538800

538804

1 socket

2 sockets

COMMON ACCESSORIES

| | | | |
|----------------|------------------|---------------------|--|
| Fitting | | | |
| | 538421EX | M25 | |
| | 538429EX | M32 | |
| | 538436EX | M40 | |
| Box | | | |
| | 532240EX | 125x185 x 1 socket | |
| | 532242EX | 250x185 x 2 sockets | |
| | 532244EX* | 380x185 x 2 sockets | |
| Plate | | | |
| | 538800 | 125x360 x 1 socket | |
| | 538802 | 250x630 x 2 sockets | |
| | 538804* | 380x630 x 2 sockets | |

* For 3 sockets only certified and wired by Palazzoli

The background of the entire page is a vibrant blue space-themed image. It features a view of the Earth from space, with the sun rising over the horizon, creating a bright lens flare effect. The Earth's surface is visible, showing continents and city lights. Overlaid on this is a network of glowing blue lines connecting various points, resembling a global communication or data network. The overall color palette is dominated by deep blues and bright whites from the sun.

Palazzoli

— excellence —
FROM ITALY

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