



**THE
ESSENTIAL**
UP TO 1250 A



LASER MARKING

Simple and permanent product identification.

QR CODE

Instant access to instructions for use.

ANTIBACTERIAL TREATMENT

Contamination prevention.



Since 1952, MARECHAL ELECTRIC has been the reference in terms of power connection safety.

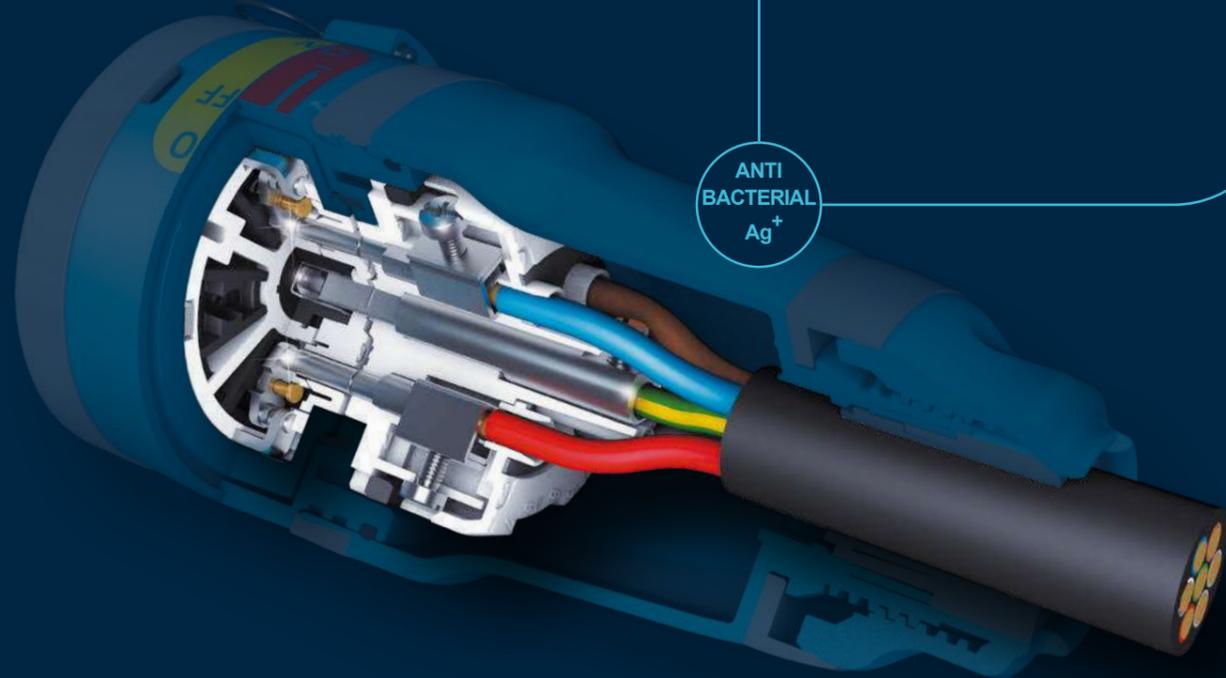
At the heart of innovation MARECHAL ELECTRIC continues to invest in the most advanced materials and reliable technologies.

MARECHAL® offers both for industrial and Ex environments, connectors, socket-outlets, switch-rated DECONTACTOR™ socket-outlets and the first separable switch-disconnector EVO40.

All of our products are designed, manufactured and controlled in France, in strict compliance with the requirements of international IEC, EN and UL standards.

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EVO40 18.5 kW SEPARABLE SWITCH- DISCONNECTOR



Switch-disconnectors in the AC-22A/AC-23A (18.5 kW) and AC-3 (11 kW) categories.
Up to 6 poles + earth.

LOAD-BREAKING CAPACITY

| kW/V | 230 V | 400 V | 690 V |
|---------------|--------|---------|---------|
| AC-21A/AC-22A | 40 A | 40 A | 40 A |
| AC-23A | 11 kW | 18,5 kW | 18,5 kW |
| AC-3 | 7,5 kW | 11 kW | 11 kW |



Contacts with silver-nickel tips.
Exceptional connection quality.



Padlockable in OFF position for strict compliance with LOTO procedures.



IP4X/IPXXD safety shutter.
Optimum protection against electric shock.
No access to live parts.



IK09. Glass-fibre reinforced poly enclosure.



IP66/IP67/IP69 in ON and OFF positions.

EVO40 is a separable switch-disconnector with a manual rotary selector switch included, from 2 to 6 poles. It is designed for making and breaking on load as well for low voltage circuit current interruption, as per IEC/EN 60947-3 standard. Its robust mechanism enables opening and separation, even in overload and overvoltage cases (AC-23/AC-3).

EVO OFFERS:

- better continuity of service:
 - no need for a 30 mA residual current device (RCD): no nuisance tripping,
 - reduced and simplified maintenance,
 - reduced downtimes,
- compact design: space and cost savings,
- securing and simplifying interventions: for maintenance or replacement of an equipment, EVO can be separated in two parts and padlocked. When separated, EVO has an IP4X/IPXXD rating. There is therefore no need for electrically-qualified personnel nor for protection procedures to be followed.

VISIBLE AND FULLY APPARENT BREAKING

ADDITIONAL FEATURES

- Electrical endurance of **15,000 cycles** (when used with In AC-23A 690VAC/40 A).
- Rated insulation voltage up to 1000VAC.
- **Fast double** current interruption per pole with **clear visible break**.
- Self-cleaning silver alloy contacts with silver-plated tips and a unique and patented "twist" mechanism.
- **Compact design** (50° or 90° angled versions wall box).
- Up to 12 keying positions.

STANDARD INSTALLATION



30 mA residual current device
+
Circuit breaker



rotary switch disconnector



Cable coupler



EVO SOLUTION



Circuit breaker

EVO



18,5 kW



U MAX
690 V



EVO40

- 2,5-10 mm² ^(a)
2,5-16 mm² ^(b)
- Antibacterial
- IP66/IP67
IP69
- POLY
- IK09
- 25 °C
+60 °C
- AC-21/AC-22
AC-23/AC-3

^(a) Flexible. ^(b) Stranded.



| Voltage | Poles | Supply | Load | Straight sleeve | 70° inclined sleeve | Handle ⁽¹⁾ | 90° wall box ⁽²⁾ |
|-------------------------------------|-------|----------|----------|-----------------|---------------------|-----------------------|-----------------------------|
| 190-250 V AC | 6P+E | 814403W* | 814803W* | 51LM0 | 51LM7 | 511P0D21AG | 51LC9000 |
| 380-440 V AC | 6P+E | 814401W* | 814801W* | 51LM0 | 51LM7 | 511P0D21AG | 51LC9000 |
| 660-690 V AC | 6P+E | 814405W* | 814819W* | 51LM0 | 51LM7 | 511P0D21AG | 51LC9000 |
| Load side cap IP66/IP67 padlockable | | Included | | | | | |

⁽¹⁾ Gland size 5-21 mm.

⁽²⁾ Without drilling, top entry. Reversible wall box for 50° angle with bottom entry.

* For 2P+E versions, replace the last digit of the reference by 2, for 3P+E versions, by 3, and for 4P+E versions, by 4.

ADDITIONAL PADLOCKING KEYS

Packaging = 10 814A541

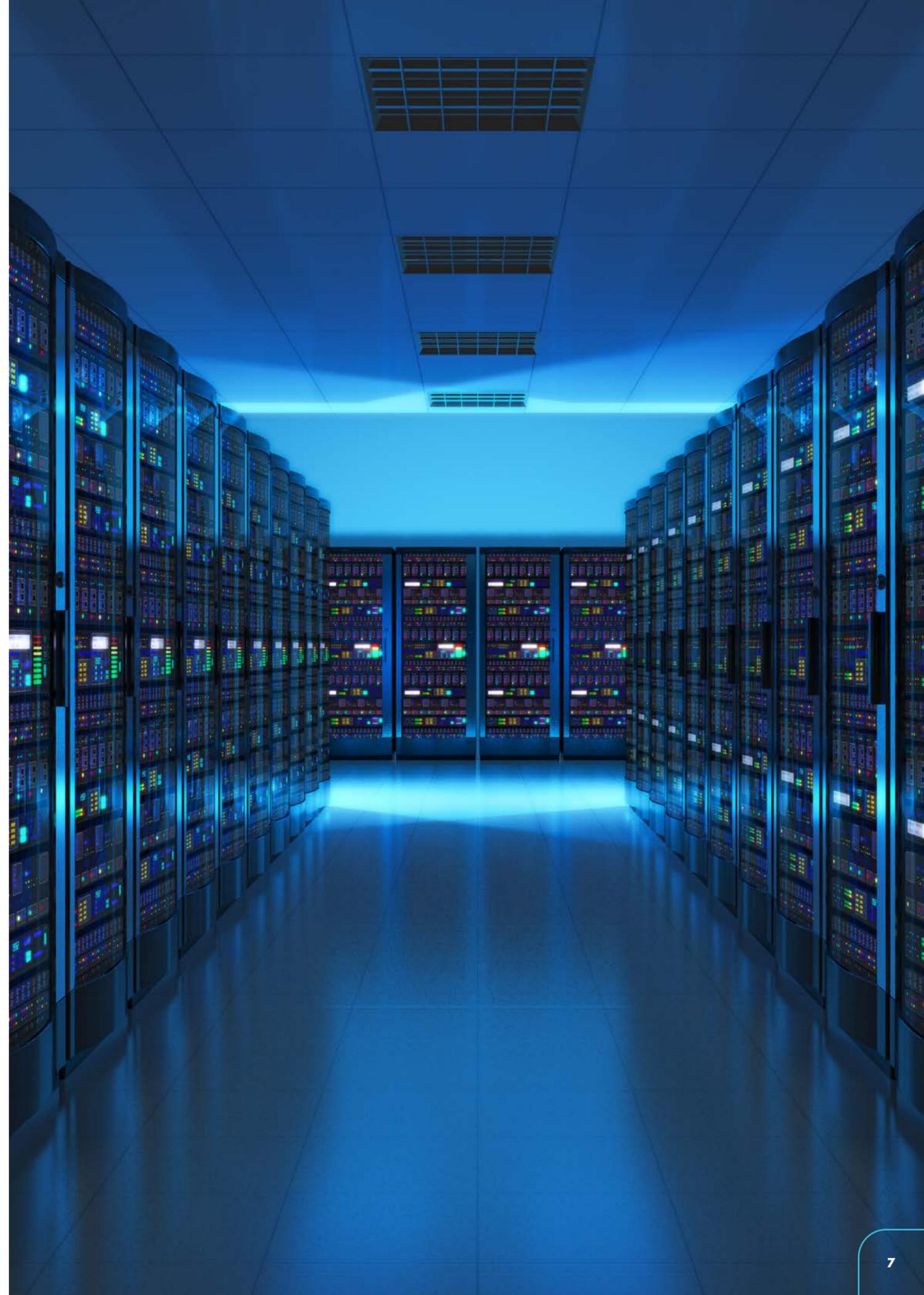
SAFETY HASP FOR UP TO 6 PADLOCKS

 613A541



i A padlocking key is supplied with each supply/load.

POSSIBLE INSTALLATIONS



ANTIBACTERIAL

A new safety requirement

Made from a selection of resistant materials, our poly handles, injected with silver ions (Ag+), provide an effective, long-lasting barrier that limits the proliferation of bacteria.



A wide range of applications

Pharmaceutical industry, food industry, chemical industry, healthcare facilities, industrial kitchens, water treatment... all sectors of activity are concerned. The high temperature tolerance of the antibacterial additive makes it ideal for use in all high temperature cleaning processes.

GET ALL THE BENEFITS OF MARECHAL® TECHNOLOGY



Simple, precise identification

The laser marking on the handle guarantees antibacterial treatment.



Excellent performance

Mechanical performance, watertightness and UV resistance remain fully in line with MARECHAL® standards.



Healthy and safe environments

Using "antibacterial" treated accessories reduces the presence of microorganisms and the risk of contamination in many industries.



A long-lasting additive

The antibacterial additive is not a coating, it is injected into the mass.



Safe to use

The active ingredient complies with regulations on biocides.



Resistant to high temperatures

The antibacterial treatment applied to MARECHAL® products is resistant to high temperatures and retains its effectiveness.

16 A

U MAX
480 V

COMPACT CONNECTOR



PNC



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|---------------|--------------------|---------------|------------------|----------------------|------------------------|------------------------|-----------------|
| 480 V AC/V DC | 5P | 01E4007 | 01E4007 | 01E4007 | 01E3007 ⁽¹⁾ | 01E1007 ⁽¹⁾ | 01E8007 |
| | + accessories | / | 551M3 +251A457-E | 551B3M20 +251A457-E | / | / | / |

⁽¹⁾ Gland size 11-15 mm.

30 A

U MAX
500 V

COMPACT PLUGS & SOCKETS



PN



i Metal references are available in the main catalogue or marechal.com.

| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|--------------|----------------------|---------------|-----------------|---------------------------------|-----------------------------------|-----------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 01N4015 / | 01N4015 511M3 | 01N4015 511B3M20 ⁽¹⁾ | 01N4015 511P6D18AG ⁽²⁾ | 01N8015 511P6D18AG ⁽²⁾ | 01N8015 / |
| 380-440 V AC | 3P+E + accessories | 01N4013 / | 01N4013 511M3 | 01N4013 511B3M20 ⁽¹⁾ | 01N4013 511P6D18AG ⁽²⁾ | 01N8013 511P6D18AG ⁽²⁾ | 01N8013 / |
| 190-250 V AC | 3P+N+E + accessories | 01N4017 / | 01N4017 511M3 | 01N4017 511B3M20 ⁽¹⁾ | 01N4017 511P6D18AG ⁽²⁾ | 01N8017 511P6D18AG ⁽²⁾ | 01N8017 / |
| 380-440 V AC | 3P+N+E + accessories | 01N4017 / | 01N4017 511M3 | 01N4017 511B3M20 ⁽¹⁾ | 01N4017 511P6D18AG ⁽²⁾ | 01N8017 511P6D18AG ⁽²⁾ | 01N8017 / |

⁽¹⁾ M20 threading - ⁽²⁾ Gland size 9-18 mm.

The main catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS

| PRODUCT | Locking with padlock ø 4 mm (padlocks not supplied) | Inlet cap | 180° Opening lid | Self-returning lid (without full closure IP40) |
|---------|---|-----------|------------------|--|
| PN | Socket ref. + 843 | 01NA426 | Socket ref. + 10 | Socket ref. + R |
| PNC | / | 01EA126 | / | / |

DECONTACTOR™ AN UNRIVALLED SAFETY LEVEL

The only socket-outlet with built-in switch up to **250 A/110 kW**.

ANTI
BACTERIAL
Ag⁺



Built-in switch up to 250 A.



Padlocking facility for strict compliance with LOTO procedures.



Spring-mounted crimped braid and butt contacts with silver-nickel tips.
Exceptional connection quality.



Elastic ring connection terminals.
Prevent terminal loosening due to conductor creep, vibration or thermal shock.



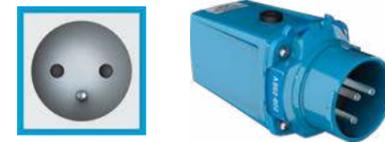
IP4X/IPXXD safety shutter.
Optimum protection against electric shock.
No access to live parts.



Poly IK09 or metal IK10 enclosures.
Resistant to the harshest environments (mechanical shock, vibration, EMC, corrosion).



Standard **IP66/IP67/IP69.**



MAIN OPTIONS



LOCKOUT-TAGOUT CAPABILITY

The use of MARECHAL® products can be part of your LOCKOUT-TAGOUT procedures.



STOP-LATCH

This option is ideal for quick disconnection of machinery and equipment by employees wearing gloves.

The latch is fitted with a red label with warning «stop» for ease of identification.

The use of this latch is not recommended in case of extension cables.



IN-LINE CONNECTIONS

A pair of finger draw plates to aid closing.



SELF-EJECTING SERIES

Self-ejecting systems avoid damage to the electrical installation when the mobile equipment is moved.



INDUSTRIAL/DOMESTIC ADAPTER

In order to allow the connection of an appliance fitted with a domestic plug to an industrial type socket-outlet, MARECHAL ELECTRIC has developed an adapter which features a MARECHAL® single phase industrial plug and a 10/16 A - 230 V domestic socket. The adapter includes a 6 x 32 mm 10/16 A fuse-link.

Part numbers (P/N°) for these products:

| TYPE | | DSN1 | DSN3 | DS1 | PN |
|-----------------------------|-------|------------|------------|------------|------------|
| France 16 A fuse | Poly | 6118015D11 | 6138015D11 | 3118015D11 | 01N8015D11 |
| | Metal | - | - | - | 09N8015D11 |
| United Kingdom 16 A fuse | Poly | 6118015D40 | 6138015D40 | 3118015D40 | 01N8015D40 |
| | Metal | - | - | - | 09N8015D40 |
| Germany 16 A fuse | Poly | 6118015D30 | 6138015D30 | 3118015D30 | 01N8015D30 |
| | Metal | - | - | - | 09N8015D30 |
| Italy 16 A fuse | Poly | 6118015D06 | 6138015D06 | 3118015D06 | 01N8015D06 |
| | Metal | - | - | - | 09N8015D06 |

20 A



U MAX
500 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DSN1

- 1-2.5 mm² (a) / 1.5-4 mm² (b)
- Ag⁺ Anti-bacterial
- 2 PILOTS
- IP66/IP67 / IP69
- POLY
- IK09
- 40°C / +60°C
- AC-22 / AC-23

(a) Flexible. (b) Stranded.



i Metal version available soon.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|------------------------------|-------------------------|---------------|-----------------|-----------------------------------|-------------------------------------|-------------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 6114015 / | 6114015 / 511M3 | 6114015 / 511B3M20 ⁽¹⁾ | 6114015 / 511POD18AG ⁽²⁾ | 6118015 / 511POD18AG ⁽²⁾ | 6118015 / |
| 380-440 V AC | 3P+E + accessories | 6114013 / | 6114013 / 511M3 | 6114013 / 511B3M20 ⁽¹⁾ | 6114013 / 511POD18AG ⁽²⁾ | 6118013 / 511POD18AG ⁽²⁾ | 6118013 / |
| 190-250 V AC 380-440 V AC | 3P+N+E + accessories | 6114017 / | 6114017 / 511M3 | 6114017 / 511B3M20 ⁽¹⁾ | 6114017 / 511POD18AG ⁽²⁾ | 6118017 / 511POD18AG ⁽²⁾ | 6118017 / |

⁽¹⁾ M20 threading - ⁽²⁾ Gland size 9-18 mm.
The main catalogue contains all the available contacts configurations.

20 A



U MAX
550 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DXN1



- ZONE 1, 21
- 1-4 mm² (a) / 1.5-6 mm² (b)
- IP66/IP67
- POLY
- IK09
- 40°C / +60°C

(a) Flexible. (b) Stranded.

II 2 G D Ex db eb IIC T6/T5 Gb Ex tb IIIC T70°C/T90°C Db



i Available for zones 2-22 without breaking capacity. Metal version available soon.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|--------------|-------------------------|---------------|-------------------|----------------------------------|----------------------------------|----------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 2514015 / | 2514015 / 251A057 | 2514015 / 251AB53 ⁽¹⁾ | 2514015 / 251A753 ⁽¹⁾ | 2518015 / 251A753 ⁽¹⁾ | 2518015 / |
| 380-440 V AC | 3P+E + accessories | 2514013 / | 2514013 / 251A057 | 2514013 / 251AB53 ⁽¹⁾ | 2514013 / 251A753 ⁽¹⁾ | 2518013 / 251A753 ⁽¹⁾ | 2518013 / |
| 380-440 V AC | 3P+N+E + accessories | 2514017 / | 2514017 / 251A057 | 2514017 / 251AB53 ⁽¹⁾ | 2514017 / 251A753 ⁽¹⁾ | 2518017 / 251A753 ⁽¹⁾ | 2518017 / |

⁽¹⁾ Gland size 10-14 mm.
The main catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



| DECONTACTOR™ | In-line connections (a pair of finger draw plates to aid closing) | Inlet cap IP66/IP67 | Self-returning lid (without full closure IP40) | Locking pin for 2 padlocks Ø 8 mm (padlocks not supplied) |
|--------------|---|---------------------|--|---|
| DSN1 | 611A346 | 611A426 | Socket ref. + R | Socket ref. + 843 |
| DXN1 | 611A346 | Included | Socket ref. + R | Socket ref. + 843 |

32 A



U MAX
690 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DSN3

- 2.5-6 mm² (a) / 2.5-10 mm² (b)
- Ag⁺ Anti-bacterial
- 2 AUX
- IP66/IP67 / IP69
- POLY
- IK09
- 40°C / +60°C
- AC-22 / AC-23

(a) Flexible. (b) Stranded.



i Metal version available soon.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|------------------------------|-------------------------|---------------|-----------------|-----------------------------------|-------------------------------------|-------------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 6134015 / | 6134015 / 512M3 | 6134015 / 512B3M20 ⁽¹⁾ | 6134015 / 512POD21AG ⁽²⁾ | 6138015 / 512POD21AG ⁽²⁾ | 6138015 / |
| 380-440 V AC | 3P+E + accessories | 6134013 / | 6134013 / 512M3 | 6134013 / 512B3M20 ⁽¹⁾ | 6134013 / 512POD21AG ⁽²⁾ | 6138013 / 512POD21AG ⁽²⁾ | 6138013 / |
| 190-250 V AC 380-440 V AC | 3P+N+E + accessories | 6134017 / | 6134017 / 512M3 | 6134017 / 512B3M20 ⁽¹⁾ | 6134017 / 512POD21AG ⁽²⁾ | 6138017 / 512POD21AG ⁽²⁾ | 6138017 / |

⁽¹⁾ M20 threading - ⁽²⁾ Gland size 5-21 mm.
The main catalogue contains all the available contacts configurations.

32 A



U MAX
750 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DXN3



- ZONE 1, 21
- 2.5-10 mm² (a) / 2.5-10 mm² (b)
- 2 AUX
- IP66/IP67
- POLY
- IK09
- 40°C / +60°C

(a) Flexible. (b) Stranded.

II 2 G D Ex db eb IIC T6/T5 Gb Ex tb IIIC T57°C/T77°C Db



i Available for zones 2-22 without breaking capacity. Metal version available soon.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|--------------|-------------------------|---------------|-------------------|----------------------------------|----------------------------------|----------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 2534015 / | 2534015 / 253A027 | 2534015 / 253AB53 ⁽¹⁾ | 2534015 / 253A783 ⁽²⁾ | 2538015 / 253A783 ⁽²⁾ | 2538015 / |
| 380-440 V AC | 3P+E + accessories | 2534013 / | 2534013 / 253A027 | 2534013 / 253AB53 ⁽¹⁾ | 2534013 / 253A783 ⁽²⁾ | 2538013 / 253A783 ⁽²⁾ | 2538013 / |
| 380-440 V AC | 3P+N+E + accessories | 2534017 / | 2534017 / 253A027 | 2534017 / 253AB53 ⁽¹⁾ | 2534017 / 253A783 ⁽²⁾ | 2538017 / 253A783 ⁽²⁾ | 2538017 / |

⁽¹⁾ Gland size 10-14 mm - ⁽²⁾ Gland size 12-18 mm.
The main catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



| DECONTACTOR™ | In-line connections (a pair of finger draw plates to aid closing) | Inlet cap IP66/IP67 | Self-returning lid (without full closure IP40) | Locking pin for 2 padlocks Ø 8 mm (padlocks not supplied) |
|--------------|---|---------------------|--|---|
| DSN3 | 613A346 | 613A426 | Socket ref. + R | Socket ref. + 843 |
| DXN3 | 613A346 | 253A426 | Socket ref. + R | Socket ref. + 843 |

63 A



U MAX
1 000 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DSN6

- 6-16 mm² (a) / 10-25 mm² (b)
- Ag⁺ Anti-bacterial
- 2/4 AUX
- IP66/IP67 IP69
- POLY
- IK09
- 40°C / +60°C
- AC-22 / AC-23

(a) Flexible. (b) Stranded.



i Metal version available soon.

| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|------------------------------|----------------------------|---------------|------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 6164015 / | 6164015 513M3 | 6164015 513B3M25 ⁽¹⁾ | 6164015 513P0D30AG ⁽²⁾ | 6168015 513P0D30AG ⁽²⁾ | 6168015 / |
| 380-440 V AC | 3P+E + accessories | 6164013 / | 6164013 513M3 | 6164013 513B3M25 ⁽¹⁾ | 6164013 513P0D30AG ⁽²⁾ | 6168013 513P0D30AG ⁽²⁾ | 6168013 / |
| 190-250 V AC 380-440 V AC | 3P+N+E + accessories | 6164017 / | 6164017 513M3 | 6164017 513B3M25 ⁽¹⁾ | 6164017 513P0D30AG ⁽²⁾ | 6168017 513P0D30AG ⁽²⁾ | 6168017 / |

⁽¹⁾ M25 threading - ⁽²⁾ Gland size 10-30 mm.
The main catalogue contains all the available contacts configurations.

63 A



U MAX
750 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DXN6



- ZONE 1, 21
- 6-16 mm² (a) / 6-25 mm² (b)
- 2 AUX
- IP66/IP67
- POLY
- IK09
- 40°C / +60°C

(a) Flexible. (b) Stranded.

Ⓢ II 2 G D Ex db eb IIC T6/T5 Gb Ex tb IIIC T87°C/T107°C Db



i Available for zones 2-22 without breaking capacity. Metal version available soon.

| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|--------------|----------------------------|---------------|--------------------|--------------------------------------|-----------------------------------|-----------------------------------|-----------------|
| 190-250 V AC | 1P+N+E + accessories | 2564015 / | 2564015 256A027 | 2564015 256AB8840P ⁽¹⁾ | 2564015 256A753 ⁽²⁾ | 2568015 256A753 ⁽²⁾ | 2568015 / |
| 380-440 V AC | 3P+E + accessories | 2564013 / | 2564013 256A027 | 2564013 256AB8840P ⁽¹⁾ | 2564013 256A753 ⁽²⁾ | 2568013 256A753 ⁽²⁾ | 2568013 / |
| 380-440 V AC | 3P+N+E + accessories | 2564017 / | 2564017 256A027 | 2564017 256AB8840P ⁽¹⁾ | 2564017 256A753 ⁽²⁾ | 2568017 256A753 ⁽²⁾ | 2568017 / |

⁽¹⁾ Gland size 22-32 mm - ⁽²⁾ Gland size 12-18 mm.
The main catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS

| DECONTACTOR™ | In-line connections (a pair of finger draw plates to aid closing) | Inlet cap IP66/IP67 | Self-returning lid (without full closure IP40) | Locking pin for 2 padlocks Ø 8 mm (padlocks not supplied) |
|--------------|---|---------------------|--|---|
| DSN6 | 616A346 | 616A426 | Socket ref. + R | Socket ref. + 843 |
| DXN6 | 616A346 | 256A426 | Socket ref. + R | Socket ref. + 843 |

90 A



U MAX
1 000 V

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DS6

- 10-25 mm² (a) / 10-35 mm² (b)
- 2/4 AUX
- IP66/IP67
- POLY METAL
- IK09 / IK10
- 40°C / +60°C
- AC-22 / AC-23

(a) Flexible. (b) Stranded.



i Metal references are available in the main catalogue or marechal.com.

| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|------------------------------|----------------------------|-----------------------------|---------------------------------|---|---|---|-----------------------------|
| 190-250 V AC | 1P+N+E + accessories | 3164015 ⁽³⁾ / | 3164015 ⁽³⁾ 514M3 | 3164015 ⁽³⁾ 514B3M40 ⁽¹⁾ | 3164015 ⁽³⁾ 514P0D35 ⁽²⁾ | 3168015 ⁽³⁾ 514P0D35 ⁽²⁾ | 3168015 ⁽³⁾ / |
| 380-440 V AC | 3P+E + accessories | 3164013 ⁽³⁾ / | 3164013 ⁽³⁾ 514M3 | 3164013 ⁽³⁾ 514B3M40 ⁽¹⁾ | 3164013 ⁽³⁾ 514P0D35 ⁽²⁾ | 3168013 ⁽³⁾ 514P0D35 ⁽²⁾ | 3168013 ⁽³⁾ / |
| 190-250 V AC 380-440 V AC | 3P+N+E + accessories | 3164017 ⁽³⁾ / | 3164017 ⁽³⁾ 514M3 | 3164017 ⁽³⁾ 514B3M40 ⁽¹⁾ | 3164017 ⁽³⁾ 514P0D35 ⁽²⁾ | 3168017 ⁽³⁾ 514P0D35 ⁽²⁾ | 3168017 ⁽³⁾ / |

⁽¹⁾ M40 threading - ⁽²⁾ Gland size 13-35 mm - ⁽³⁾ For 100 A version add suffix -228.
The main catalogue contains all the available contacts configurations.

Up to 90 A

CD



DISTRIBUTION BOX

Casing features :

- IP66/IP69⁽¹⁾
- GRP⁽¹⁾
- IK09⁽¹⁾
- 40°C / +60°C⁽¹⁾



⁽¹⁾ These characteristics may be modified by the installation of certain components (e.g. IP44 domestic sockets).

i Configurations available upon request.

- ▶ IP66/IP69 water-and dust-tight
- ▶ Up to 10 modules
- ▶ Up to 2x 63 A DECONTACTOR™
- ▶ Complies with IEC/EN 61439-1 and IEC/EN 61439-3

i You will find out our entire boxes range in the main catalogue or marechal.com (POLY, stainless steel, etc.).

- ▶ Composed of two parts fixed on hinges
- ▶ Pre-wired
- ▶ UV protected

ACCESSORIES AND OPTIONS

| DECONTACTOR™ | In-line connections (a pair of finger draw plates to aid closing) | Inlet cap IP66/IP67 | Locking pin for 2 padlocks Ø 8 mm (padlocks not supplied) |
|--------------|---|---------------------|---|
| DS6 | 316A346 | 316A426 | Socket ref. + 843 |

150 A



U MAX
1 000 V

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DS9

- 25-70 mm² (a)
25-95 mm² (b)
- 2/4/6
AUX
- IP66/IP67
- POLY
METAL
- IK09
IK10
- 40°C
+60°C
- AC-22
AC-23

(a) Flexible. (b) Stranded.



i Metal references are available in the main catalogue or marechal.com.

| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|--------------|----------------------------|---------------|------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|
| 380-440 V AC | 3P+E + accessories | 3194013 / | 3194013 515M3 | 3194013 595C3M40 ⁽¹⁾ | 3194013 555POD35 ⁽²⁾ | 3198013 555POD35 ⁽²⁾ | 3198013 / |
| 190-250 V AC | 3P+N+E + accessories | 3194017 / | 3194017 515M3 | 3194017 595C3M40 ⁽¹⁾ | 3194017 555POD35 ⁽²⁾ | 3198017 555POD35 ⁽²⁾ | 3198017 / |
| 380-440 V AC | 3P+N+E + accessories | 3194013 / | 3194013 515M3 | 3194013 595C3M40 ⁽¹⁾ | 3194013 555POD35 ⁽²⁾ | 3198013 555POD35 ⁽²⁾ | 3198013 / |

⁽¹⁾ M40 threading - ⁽²⁾ Gland size 25-35 mm.

The main catalogue contains all the available contacts configurations.

125 A



U MAX
750 V



DECONTACTOR™ SWITCH + SOCKET-OUTLET

- ZONE
1, 21
- 35-50 mm² (a)
50-70 mm² (b)
- IP65/IP66
- METAL
- IK10
- 40°C
+60°C

(a) Flexible. (b) Stranded.

Ⓢ II 2 G Ex de IIC T6/T5 tD A21 T80°C/T90°C



DX9

| Voltages | Pole configuration | Wall mounting socket | Coupler socket | Plug |
|--------------|----------------------------|--------------------------------------|--------------------------------------|---------------------------|
| 380-440 V AC | 3P+E + accessories | 2694013 269AB5350M ⁽¹⁾ | 2694013 269A95350M ⁽¹⁾ | 269101350M ⁽¹⁾ |
| 380-440 V AC | 3P+N+E + accessories | 2694017 269AB5350M ⁽¹⁾ | 2694017 269A95350M ⁽¹⁾ | 269101750M ⁽¹⁾ |

⁽¹⁾ Gland size 23-35 mm.

The main catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



| DECONTACTOR™ | Locking pin for 2 padlocks 8 mm (padlocks not supplied) | Inlet cap IP66/IP67 | Inlet cap IP65 |
|--------------|---|---------------------|----------------|
| DS9 | Socket ref. + 843 | 319A426 | / |
| DX9 | Included | / | 269A926 |

250 A



U MAX
1 000 V

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DS2

- 70-95 mm² (a)
70-120 mm² (b)
- 2/4/6
AUX
- IP66/IP67
- METAL
- IK10
- 40°C
+60°C
- AC-22
AC-23

(a) Flexible. (b) Stranded.



i Available in 350 A version without breaking capacity.

| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|--------------|--------------------|---------------|------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|
| 380-440 V AC | 3P+E + | 3924013 / | 3924013 596M6 | 3924013 596E6M63 ⁽¹⁾ | 3924013 556POD49 ⁽²⁾ | 3928013 556POD49 ⁽²⁾ | 3928013 / |
| 190-250 V AC | 3P+N+E + | 3924017 / | 3924017 596M6 | 3924017 596E6M63 ⁽¹⁾ | 3924017 556POD49 ⁽²⁾ | 3928017 556POD49 ⁽²⁾ | 3928017 / |
| 380-440 V AC | 3P+N+E + | 3924013 / | 3924013 596M6 | 3924013 596E6M63 ⁽¹⁾ | 3924013 556POD49 ⁽²⁾ | 3928013 556POD49 ⁽²⁾ | 3928013 / |

⁽¹⁾ M63 threading - ⁽²⁾ Gland size 45-49 mm.

The main catalogue contains all the available contacts configurations.

200 A



U MAX
750 V



DECONTACTOR™ SWITCH + SOCKET-OUTLET

- ZONE
1, 21
- 50 mm² (a)
70 mm² (b)
- IP65/IP66
- METAL
- IK10
- 40°C
+60°C

(a) Flexible. (b) Stranded.

Ⓢ II 2 G D Ex de IIC T3 tD A21 T91°C



DX2

| Voltages | Pole configuration | Wall mounting socket | Coupler socket | Plug |
|--------------|----------------------------|-----------------------------------|-----------------------------------|-----------------------------|
| 380-440 V AC | 3P+E + accessories | 2674013 267AB53 ⁽¹⁾ | 2674013 267A963 ⁽¹⁾ | 2671013 ⁽¹⁾ / |
| 380-440 V AC | 3P+N+E + accessories | 2674017 267AB53 ⁽¹⁾ | 2674017 267A963 ⁽¹⁾ | 2671017 ⁽¹⁾ / |

⁽¹⁾ Gland size 36-48 mm.

The main catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



| DECONTACTOR™ | Locking pin for 2 padlocks 8 mm (padlocks not supplied) | Inlet cap IP66/IP67 | Inlet cap IP65 |
|--------------|---|---------------------|----------------|
| DS2 | Socket ref. + 453 | 392A426 | / |
| DX2 | Included | / | 267A926 |



400 A



U MAX
1 000 V

DS4



- 95-150 mm² ^(a)
95-185 mm² ^(b)
- 2 PILOTS
- IP66/IP67
- METAL
- IK10
- 40°C
+60°C

^(a) Flexible. ^(b) Stranded.

i You will find all the references in the main catalogue or marechal.com.

- ▶ Automatic IP66/IP67
- ▶ Metal casing (IK10) with epoxy paint
- ▶ With a safety shutter 3P+E +2 pilots

660 A



U MAX
1 100 V

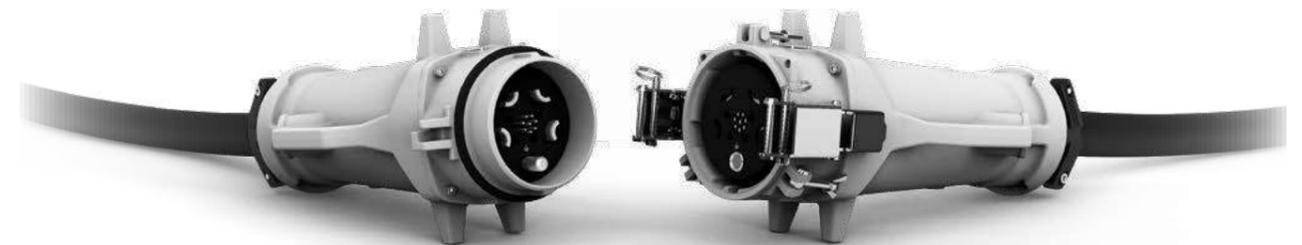
P66



- 150 - 400 mm²
- 1 PILOT
8 AUX.
- IP66/IP67
- METAL
- IK10
- 40°C
+60°C

i You will find all the references in the main catalogue or marechal.com.

- ▶ I_{max}: 660 A
- ▶ U_{max}: 1,100 V AC/1,500 V DC
- ▶ Frequency: ≤ 500 Hz
- ▶ Number of contacts: 4P+E
- ▶ Number of operations: 2,000
- ▶ Copper-free aluminium alloy enclosure



400 A



U MAX
500 V

SINGLE POLE CONNECTORS

- 50-240 mm² ^(a)
70-300 mm² ^(b)
- 2 PILOTS
- IP66/IP67
- POLY > IK09
METAL > IK10
- 40°C
+60°C

^(a) Flexible. ^(b) Stranded.

i You will find all the references in the main catalogue or marechal.com.

- ▶ Automatic IP66/IP67
- ▶ Electromechanical interlocking system
- ▶ Phases visual and mechanical coding
- ▶ Padlocking option



DSP400

800 A



U MAX
1 000 V

SINGLE POLE CONNECTORS

- Available in 680 A
- 50-630 mm² ^(a)
70-630 mm² ^(b)
- 2 PILOTS
- IP66/IP67
- POLY
- IK08
- 40°C
+60°C

^(a) Flexible. ^(b) Stranded.

i You will find all the references in the main catalogue or marechal.com.

- ▶ Automatic IP66/IP67 water-and dust-tight
- ▶ Electromechanical interlocking system
- ▶ Phases visual and mechanical coding
- ▶ Padlocking option
- ▶ Optional operation lever



SP

500 A



U MAX
1 000 V

SINGLE POLE CONNECTORS

- 50-300 mm² ^(a)
70-400 mm² ^(b)
- IP66/IP67
- POLY
- IK08
- 40°C
+60°C

^(a) Flexible. ^(b) Stranded.

i You will find all the references in the main catalogue or marechal.com.

- ▶ Automatic IP66/IP67
- ▶ Visual and mechanical coding
- ▶ Padlocking option



CS1000

1250 A



U MAX
1 000 V

SINGLE POLE CONNECTORS

- 50-630 mm² ^(a)
70-630 mm² ^(b)
- 2 PILOTS
- IP66/IP67
- METAL
- IK10
- 40°C
+60°C

^(a) Flexible. ^(b) Stranded.

i You will find all the references in the main catalogue or marechal.com.

- ▶ Automatic IP66/IP67 water-and dust-tight
- ▶ Electromechanical interlocking system
- ▶ Phases visual and mechanical coding
- ▶ Padlocking option



DSP1250



7 CONTACTS



U MAX
500 V

MULTICONTACT

25 A

PN7C



^(a) Flexible. ^(b) Stranded.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|----------|-------------------------------------|---------------|------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------|
| 500 V AC | POLY 7 pin + accessories | 01P4061 / | 01P4061 511M3 | 01P4061 511B3M20 ⁽¹⁾ | 01P4061 511P0D18AG ⁽²⁾ | 01P8061 511P0D18AG ⁽²⁾ | 01P8061 / |
| 480 V AC | METAL 7 pin + accessories | 09P4061 / | 09P4061 591M3 | 09P4061 591C4M20 ⁽¹⁾ | 09P4061 591P020M ⁽³⁾ | 09P8061 591P020M ⁽³⁾ | 09P8061 / |

⁽¹⁾ M20 threading - ⁽²⁾ Gland size 9-18 mm. ⁽³⁾ Gland size 7-13 mm.

12 CONTACTS



U MAX
480 V

MULTICONTACT

16 A

PN12C



^(a) Flexible.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|----------|--------------------------------------|---------------|------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------|
| 480 V AC | POLY 12 pin + accessories | 01A4001 / | 01A4001 511M3 | 01A4001 511B3M20 ⁽¹⁾ | 01A4001 511P0D18AG ⁽²⁾ | 01A8001 511P0D18AG ⁽²⁾ | 01A8001 / |
| 480 V AC | METAL 12 pin + accessories | 09A4001 / | 09A4001 591M3 | 09A4001 511B3M20 ⁽¹⁾ | 09A4001 591P020M ⁽³⁾ | 09A8001 591P020M ⁽³⁾ | 09A8001 / |

⁽¹⁾ M20 threading - ⁽²⁾ Gland size 9-18 mm.
⁽³⁾ Gland size 7-13 mm.

ACCESSORIES AND OPTIONS



| PRODUCT | Locking with padlock Ø 4 mm (padlocks not supplied) | Inlet cap | 180° Opening lid | Self-returning lid (without full closure IP40) | Bag of 13 females/males contacts |
|---------|---|-----------|------------------|--|----------------------------------|
| PN7C | Socket ref. + 843 | 01NA426 | Socket ref. +10 | Socket ref. + R | / |
| PN12C | Socket ref. + 843 | 01NA426 | Socket ref. +10 | Socket ref. + R | 01AA213 / 01AA113 |

12 CONTACTS



U MAX
480 V

MULTICONTACT

16 A

DSN12C



^(a) Flexible.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|----------|----------------------|---------------|------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|
| 480 V AC | 12 pin + accessories | 61A4001 / | 61A4001 511M3 | 61A4001 511C7000 ⁽¹⁾ | 61A4001 511P0D18 ⁽²⁾ | 61A8001 511P0D18 ⁽²⁾ | 61A8001 / |

⁽¹⁾ M20 threading - ⁽²⁾ Gland size 9-18 mm.

24/37 CONTACTS



U MAX
480 V

MULTICONTACT

16 A

DSN24C DSN37C



^(a) Flexible.



| Voltages | Pole configuration | Socket-outlet | Inclined socket | Wall mounting socket | Coupler socket | Plug | Appliance inlet |
|----------|----------------------|---------------|------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------|
| 480 V AC | 24 pin + accessories | 61B4002 / | 61B4002 512M3 | 61B4002 512C7000 ⁽¹⁾ | 61B4002 512P0D21AG ⁽²⁾ | 61B8002 512P0D21AG ⁽²⁾ | 61B8002 / |
| 480 V AC | 37 pin + accessories | 61C4003 / | 61C4003 513M3 | 61C4003 513C7000 ⁽¹⁾ | 61C4003 513P0D30AG ⁽³⁾ | 61C8003 513P0D30AG ⁽³⁾ | 61C8003 / |

⁽¹⁾ Without threading - ⁽²⁾ Gland size 5-21 mm.
⁽³⁾ Gland size 10-30 mm.

ACCESSORIES AND OPTIONS



| PRODUCT | Locking pin for 2 padlocks Ø 8 mm (padlocks not supplied) | Inlet cap IP66/IP67 | In-line connections (a pair of finger draw plates to aid closing) | Self-returning lid (without full closure IP40) | Bag of 13 females/males contacts |
|---------|---|---------------------|---|--|----------------------------------|
| DSN12C | Socket ref. + 843 | 611A426 | 611A346 | Socket ref. + R | 01AA213/01AA113 |
| DSN24C | Socket ref. + 843 | 613A426 | 613A346 | Socket ref. + R | 01AA213/61CA113 |
| DSN37C | Socket ref. + 843 | 616A426 | 616A346 | Socket ref. + R | 01AA213/61CA113 |

MAKING MOBILITY SAFE



20 A/32 A

U MAX
480 V

RETTBOX® S



i You will find all the references in the main catalogue or marechal.com.

- ▶ Compact, including load-breaking, self-ejecting socket-outlet for mobile applications
- ▶ Power supply of an auxiliary battery charger for all equipment on-board a vehicle.
- ▶ Reinforced thermoplastics box with 7 contacts and a 12 V/24 V solenoid coil used to eject the mobile socket-outlet upon starting of the vehicle.
- ▶ Voltage presence and battery charging light indicators.
- ▶ **Air feeding duct in option**

AUTOMATIC
ELECTROMECHANICAL SELF-EJECTION



SAFE

RETTBOX® S is the perfect response to your day-to-day safety requirements, automatically disconnecting the power supply when the vehicle is started.

SIMPLE

RETTBOX® S has been designed to make installation easy for you, and can be handled with one hand, whether you're a user, installer or body builder.

SMART

RETTBOX® S has been designed to meet your space and design constraints, thanks to the the symmetry of its plate and its thinness.





U MAX
750 V



B2X

i Contact us to configure the box that meets your needs.

i You will find all the references in the main catalogue or marechal.com.

SOCKET OR JUNCTION BOXES



- ▶ **Ex** II 2 G D Ex e IIC Gb, Ex tb IIIC Db
- ▶ Intrinsic safety capability
- ▶ IP66/IP67 Water-and dust-tight
- ▶ POLY casing, exists with hinges
- ▶ With Ex e certified terminals
- ▶ Terminals configurations for 25 A, 32 A, 45 A and 63 A
- ▶ Dimensions 120x120x90 mm or 160x160x90 mm



U MAX
1000 V



MXBS

i Contact us to configure the box that meets your needs.

i You will find all the references in the main catalogue or marechal.com.

JUNCTION BOXES



- ▶ **Ex** eb IIC Gb, Ex tb IIIC Db
- ▶ Intrinsic safety capability
- ▶ IP66 Water-and dust-tight
- ▶ Multi-contact connectors and socket-outlets on the same enclosure
- ▶ Socket-outlets configurations up to 680 A
- ▶ POLY casing, aluminium, stainless steel 316L
- ▶ From -55 °C to +60 °C

DEFINITIONS

| | | |
|--|---|---|
| Ingress protection according to IEC/EN 60529 | 1st digit: protection against solid foreign objects 2 = protection against dangerous live parts with a finger 4 = protection against dangerous live parts with a wire of a diameter superior or equal to 1mm 5 = protection against dust 6 = dustproof | 2nd digit: protection against ingress of water 4 = protection against water splashes 5 = protection against water jets 6 = protection against powerful water jets (fire hose) 7 = protection against a 30-minutes immersion up to 1m 8 = protection against a prolonged immersion for a determined period 9 = protection against high pressure water jets at high temperature |
| Index of resistance to mechanical shocks according to IEC/EN 62262 | IK08 = withstands a shock of 1.7 kg to 30 cm (5 joules) IK09 = withstands a shock of 5 kg to 20 cm (10 joules) IK10 = withstands a shock of 5 kg to 40 cm (20 joules) | |
| Switching capacity according to IEC/EN 60947-3 | AC-21 = Resistive on load breaking (simple switchgear, lighting) AC-22 = Mix resistive and inductive on load breaking AC-23 = High inductive on load breaking (motor) AC-3 = Start And Switching Off - Squirrel Cage Motors | |
| Pilot and auxiliary | <p>Pilot A pilot circuit is meant to electrically control a switchgear that energizes/ de-energizes a socket-outlet after plugging, and before unplugging an apparatus, to protect the operator. This switchgear is controlled:</p> <ul style="list-style-type: none"> • by means of a microswitch located inside the socket-outlet (non-crossing pilot circuit), mechanically operated by the plug; • by means of a contact or a pair of contacts, plug side and socket-outlet side (crossing pilot circuit), that make last and break first (LIFO: last-in/first-out), integrated in the control circuit. <p>Auxiliaries Additional to the main contacts, auxiliary contacts are located plug side and socket-outlet side, and are intended for signal, communication, thermistor, etc.</p> | |

HAZARDOUS AREA CERTIFICATION

| | | | |
|---|---|-------------------|-------------|
| ATEX | Certification according to European directive 2014/34/EU on all equipments used in or related to explosive atmospheres. | | |
| IECEx | Complying with international standards for electrical and non-electrical equipment for use in potentially explosive atmosphere areas. | | |
| Presence of potentially explosive atmosphere | Permanent | Occasional | Rare |
| Zoning for gas & vapours | Zone 0 | Zone 1 | Zone 2 |
| Zoning for dust & fiber | Zone 20 | Zone 21 | Zone 22 |

■ Performance level of MARECHAL® devices.

CONTROL STATIONS, FLAMEPROOF ENCLOSURES, LED LIGHTING...



THE SWITCH-RATED DECONTACTOR™ GUARANTEES THE BEST LEVEL OF SAFETY.

CONTACT US



MARECHAL ELECTRIC S.A.S. (head office)

5 avenue du chemin de Presles
94410 Saint-Maurice, France
Phone: +33 (0)1 45 11 60 00
Email: contact@marechal.com

Africa SADC area

MARECHAL ELECTRIC AFRICA (PTY) LTD.
PO Box 13875 Witfield 1467
Unit A1 Harvard Lane
Aero Star Business Park
Jet Park Road, Jet Park, South Africa
Phone: +27 11 894 7226/7/8
Email: sales.za@marechal.com

Asia

MARECHAL ELECTRIC Asia Pte Ltd
9 Tagore Lane
#01-05 9@Tagore
Singapore 787472
Phone: +65 6554 2722
Email: sales.asia@marechal.com

Australia

MARECHAL AUSTRALIA PTY LTD
20 A Technology Circuit
Hallam VIC 3803
Australia
Phone: +61 (0)3 8786 2500
Email: sales@marechal.com.au

China

MARECHAL ELECTRIC (China) Co., Ltd
11 North Xiangshui Road,
West Dayawan District,
Huizhou PRC
Phone: +86 (0)752-5319536
Email: sales.cn@marechal.com

Germany/Austria/Switzerland/Eastern Europe/Russia

MARECHAL GmbH
Im Lossenfeld 8
D-77731 Willstätt-Sand
Germany
Phone: +49 (0)7852/91 96-0
Email: info.de@marechal.com

Middle East

MARECHAL ELECTRIC Middle East Trading LLC
80 Street, Shed-01B ALFA3 Complex
Jebel Ali Industrial 1 - Dubai, UAE
Phone: +971 4 226 8400
Email: sales.me@marechal.com

USA/Canada

MELTRIC Corporation
4765 W. Oakwood Park Drive
Franklin, WI 53132, USA
Phone: +1 414 433 2700
Email: mail@meltric.com

Mexico

MELTRIC DE MEXICO S. de R.L. de C.V.
Insurgente Sur 863 – Piso 7
Napoles, Benito Juarez,
D. F. Mexico, C.P. 03810
Phone: +52 55 50056752
Email: scmexico@meltric.com

TECHNOR ITALSMEA S.p.A.

Via Italia 33,
20060 Gessate (Milano),
Italia
Phone: +39 02 95 00 151
Email: sales@italsmea.com

For any other country or area, please contact the head office.
Find your sales contact on marechal.com/contact

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ELECTRIC

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