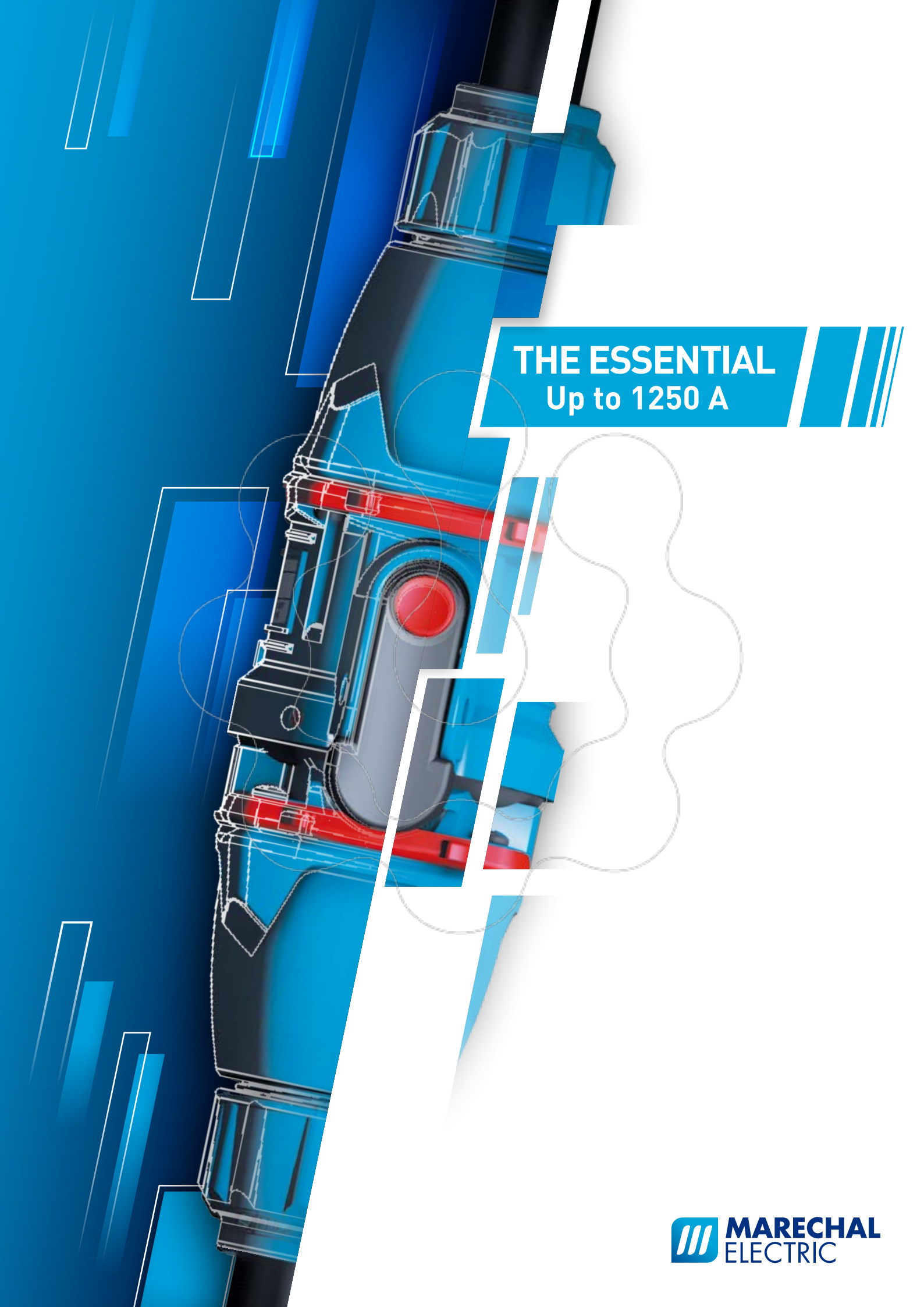


A detailed technical cutaway diagram of a high-current electrical connector, likely a busbar or terminal block. The diagram is rendered in blue and red, showing the internal components and the flow of current. The connector is shown in a perspective view, with a large red circular component visible in the center. The diagram is overlaid with various geometric shapes and lines, including a large blue rectangle and several white lines, suggesting a technical drawing or a CAD model. The background is white with blue and red accents.

THE ESSENTIAL

Up to 1250 A

INDUSTRY 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	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: • by mean of a microswitch located inside the socket-outlet (non-crossing pilot circuit), mechanically operated by the plug; • by mean 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. Auxiliaries Additional to the main contacts, auxiliary contacts are located plug side and socket-outlet side, and are intended for signal, communication, thermistor, etc...	

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.



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

SUMMARY

More than 65 years after the launch of our low-voltage socket outlet, MARECHAL ELECTRIC is once again at the heart of innovation with 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.

Convinced that safety is a major stake, MARECHAL ELECTRIC continues to invest in the most advanced materials and reliable technologies.

SEPARABLE SWITCH-DISCONNECTOR

EVO 40A	4
ITS CONFIGURATIONS	5
TECHNICAL CHARACTERISTICS	6
PART NUMBERS	7

INDUSTRIAL SOCKET-OUTLETS FROM 16 TO 1250 A

OUR TECHNOLOGY	8
OUR SOLUTIONS :	
20 A.....	12
32 A.....	13
63 A.....	14
90 A.....	15
125-150 A	16
200-250 A	17
MULTICONTACT FROM 7 TO 37 PIN	18-19
COMPACT SOCKET 16-30 A.....	20
RETTBOX®S 16-32 A	21
INDUSTRIAL BOXES 16-90 A	21
SINGLE POLE POWER CONNECTOR FROM 400 TO 1250 A	22-23
HEAVY-DUTY PLUGS & SOCKETS UP TO 600 A	24
HAZARDOUS AREAS BOXES FROM 63 TO 680 A.....	25
MAIN OPTIONS.....	26



EVO 40A

A UNIQUE PRODUCT

EVO40 is a separable switch-disconnector with rotary manual control, from 2 to 6 poles.

Compliant with IEC/EN 60947-1 and 60947-3 standards, **EVO40** allows for making and breaking on load, while ensuring safe isolation of any low voltage electrical circuit, whether it is resistive (AC-21A), mixed resistive/inductive (AC-22A), inductive (AC-23A). **EVO40** also makes and breaks on load all electric motors (AC-3), as per IEC/EN 60943-3 standard requirements.

Equipped with self-cleaning silvered contacts with silver tips and a patented and unique "twist" **mechanism**, our new technological concept combines the functionalities of a switch and an isolator.

Its quick double break per pole design, **apparent and visible**, ensures in an optimal way the safety during any maintenance operation.

When the load and supply parts are separated, its protection is ensured by means of a safety shutter (IP4X), preventing the risks of accidental electrical shocks with live parts. A **robust mechanism** allows the separation and removal even in the event of a failure due to over current or over voltage.

Of small volume, with no visible screws, crevice free, **padlockable**, **EVO40** can be installed on a box or as a wall box (choice of inclination).

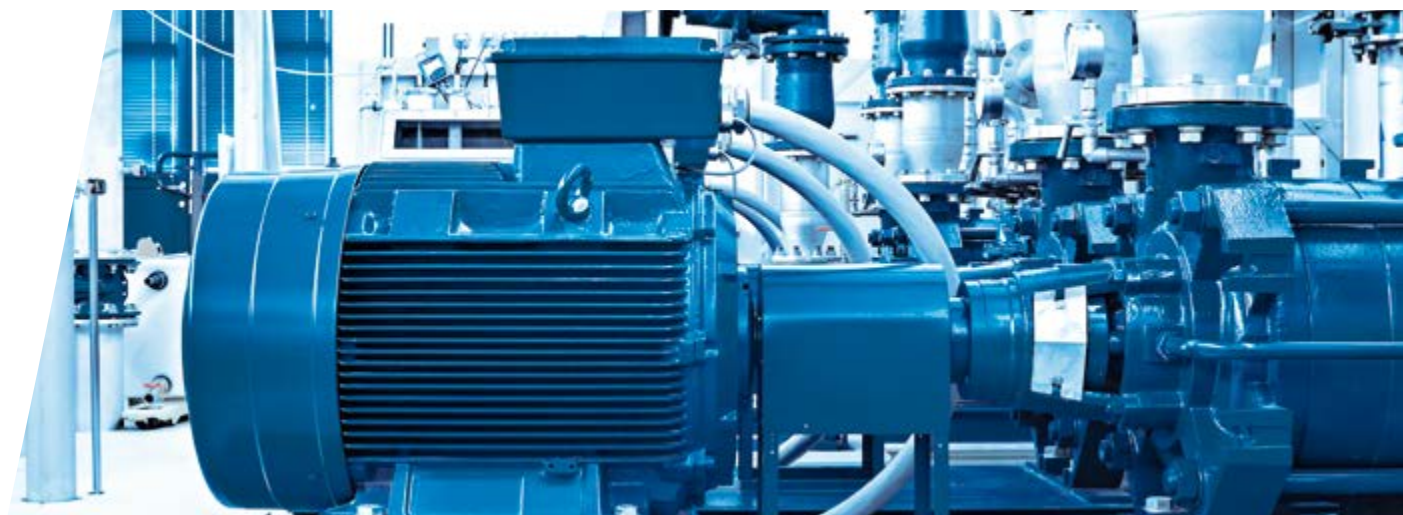
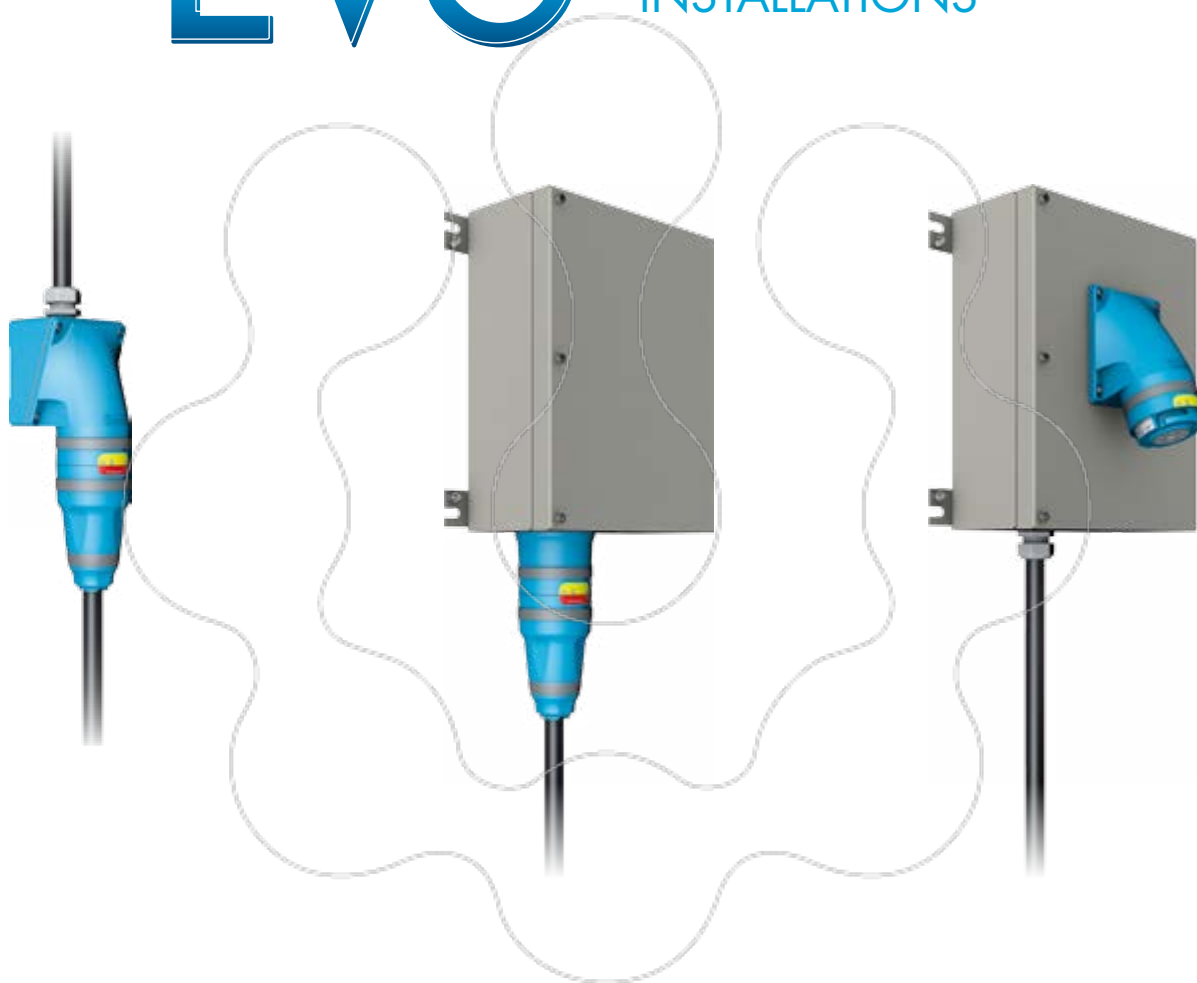
Thanks to the quality of its materials, **EVO40** offers great flexibility in the most demanding applications in terms of hygiene, robustness and reliability (IP66/IP67 and IK09), halogen-free and UL94 self-extinguishing, resistant to hot vapours (tropicalized IEC 60068-2), UV resistant class f1, corrosion and chemical resistant.

ADDITIONAL FEATURES

- Fully visible disconnection.
- Separable with visible break.
- Insulation voltage up to 1000 V AC.
- Available in 2-3-4-6 poles + earth versions.
- Contact position indicated without ambiguity (0-1).
- Safety shield to prevent accidental contact to live parts (IP4X).
- Padlockable.

EVO

POSSIBLE
INSTALLATIONS





TECHNICAL CHARACTERISTICS

Electrical endurance	15 000 cycles*
U_i : Rated insulation voltage	1 000 V AC
U_{max} : Operational voltage	690 V
I_{the} : Conventional enclosed thermal current	40 A
U_{imp} : Rated impulse withstand voltage	8 kV
I_{cc} : Rated short-circuit breaking current capacity with gG fuses and aM fuse	100 kA
I_{cm} : Rated short-circuit making current capacity	1 kA
Cable cross-section Cu	2,5 - 10 mm ² flexible 2,5 - 16 mm ² stranded
Degree of protection (IEC 60529)	IP66/IP67
Shock resistance (IEC 62262)	IK09
Ambient air temperature	- 25 °C/+ 60 °C

* In AC-23A 690 V AC/40 A service operation.

SWITCHING 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

COMPLIANT WITH IEC STANDARDS

• IEC/EN 60947-1/-3/-4/-5 :

Low-voltage switchgear and control gear:
Switches, disconnectors, switch-disconnectors
and fuse-combination units.

• Facilitates compliance:

- of electrical machinery to the European Machinery Directive 2006/42/CE, to EN 12100 and EN 60204-1 standards,
- of electrical installations to IEC/HD 60364 and NF C 15-100 standards.

40 A

690 V
U MAX I

SEPARABLE
SWITCH-DISCONNECTOR



EVO40



IP66/IP67



POLY



IK09



-25°C
+60°C



AC-21/AC-22
AC-23/AC-3



Voltage	Poles	Supply	Load	Straight sleeve	70° inclined sleeve	Handle ⁽¹⁾	90° wall box ⁽²⁾
200-250 V AC	2P+E	8144032	8148032	51LM0	51LM7	51LP0D21	51LC9000
	3P+E	8144033	8148033				
	4P+E	8144034	8148034				
	6P+E	8144036	8148036				
380-480 V AC	2P+E	8144012	8148012	51LM0	51LM7	51LP0D21	51LC9000
	3P+E	8144013	8148013				
	4P+E	8144014	8148014				
	6P+E	8144016	8148016				
500-690 V AC	2P+E	8144052	8148052	51LM0	51LM7	51LP0D21	51LC9000
	3P+E	8144053	8148053				
	4P+E	8144054	8148054				
	6P+E	8144056	8148056				
Umax 690 V AC	2P+E	8144122	8148122	51LM0	51LM7	51LP0D21	51LC9000
	3P+E	8144123	8148123				
	4P+E	8144124	8148124				
	6P+E	8144126	8148126				
Load side cap IP66/IP67 padlockable		Included	814A426G				

(1) Gland size 5-21 mm.

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

ADDITIONAL PADLOCKING KEYS



Packaging = 10

814A541

SAFETY HASP FOR UP TO 6 PADLOCKS



873A541



A padlocking key
is supplied with each
supply/load.



OUR TECHNOLOGY

DECONTACTOR™, A ONE OF A KIND DESIGN IN THE WORLD

The DECONTACTOR™ is a device which combines

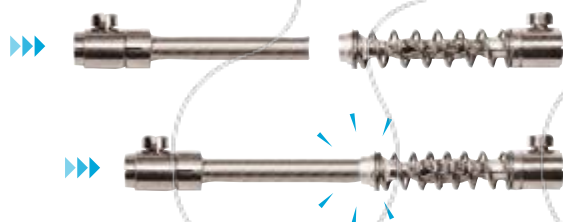
- the advantages of a **power socket**,
- and the performance of a **switch**.

With 70 years of research and innovation, the DECONTACTOR™ range offers a level of reliability and safety never yet equalled anywhere in the world. It allows devices to be connected and disconnected thousands of times and in the most severe environments in perfect **safety** for the user!



BUTT CONTACT WITH A SILVER-NICKEL TIP

The MARECHAL® DECONTACTOR™ and connectors are all fitted **with butt contacts with silver-nickel tips**. They provide exceptional connection quality by eliminating the damage due to electric arcs and wear seen with pin and sleeve sockets. Silver is an excellent conductor of current even when oxidized. Conductivity is optimal even in the presence of vibration and temperature variation thanks to the **pressure of the springs**.



CRIMPED BRAIDS

The MARECHAL® contact uses a **crimped braid with a spring** which provides contact performance and tolerances superior to pin and sleeve contacts. The flexibility of the braid and the spring allows the base contact tip to always be perfectly aligned with the plug contact tip. These contacts, which are silver and anti-corrosion treated, **offer very good corrosion resistance**.

Split terminal
(allows constant force)

Conductor

Elliptical Deforming Ring
(Prevents loosening)



ELASTIC LOCK TERMINALS

MARECHAL® contacts are fitted with «elastic lock» connection terminals. The wire clamp is split and surrounded by an elliptical deforming ring. This method allows the tightening force on the wire to be constant. Hence despite the creep of the conductor, the variations of temperature and vibration, the conductor wire is perfectly connected to the contact terminal.

SAFETY SHUTTER

DECONTACTOR™ sockets are fitted with an interlocked safety shutter which prevents access to live contacts. This shutter only unlocks at the time of connection of the plug into its base which avoids any risk of electric shock.

CASING MADE FROM ADVANCED MATERIALS

MARECHAL® range connectors and DECONTACTOR™ have casings made from **glass fibre reinforced polyester GRP**, or **metal** depending on the models. This choice of material contributes to the excellent mechanical performance and **longevity** of the socket.

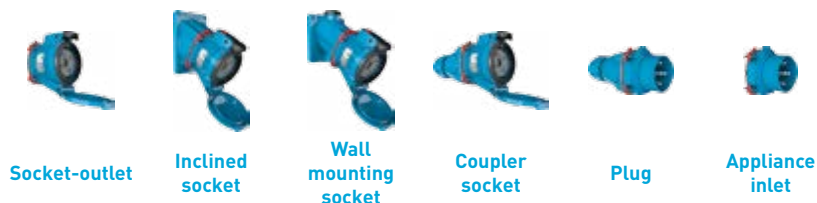


MARECHAL® TECHNOLOGY

THE ADVANTAGES

DECONTACTOR™ , switch + rated socket-outlet up to 250 A		Avoids contactor installation & purchase, as well as pilots wiring. Guarantees on load disconnection.
Safety shutter		No access to live parts.
Switching capacity AC-22/AC-23		Reduce production downtime & maintenance cost.
LOTO ready		Avoids accidental connections/disconnections and ensures the user safety. Facilitated local maintenance.
Automatic waterproofness IP66/IP67/IP69 lid closed or plug connected		Automatic sealing without rotating ring. Resistant to high pressure and high temperature cleaning.
ATEX/IECEX		Secure load breaking & simplify maintenance in hazardous area.
T _{amb} -40 °C/+60 °C		Withstand to severe climatic conditions.
Dual voltage 230 V/400 V		A socket-outlet 3+P+N+E can receive several configurations: PNE; 3PE; 3PNE.
GRP IK08 Metal IK09/IK10		Materials with high mechanical resistance.
Silvered butt style contact with silver-nickel tip		Exceptional connection quality. No corrosion phenomenon compared to other contact materials like copper or brass. Low heating = lower electricity consumption.
Our devices are also certified to UL, CSA, BV MARINE, EAC, etc.		Easy integration into your machines for export.
Up to 24 keying positions		Identifies and secures your dedicated networks.
Auxiliary or pilot		Allows electrical control or signal transmission

MARECHAL MODULARITY



Active part	Socket-outlet	Socket-outlet	Socket-outlet	Socket-outlet	Appliance inlet	Appliance inlet
		+	+	+	+	
Mounting accessories	/	Inclined sleeve	Wall box	Handles	Handles	/

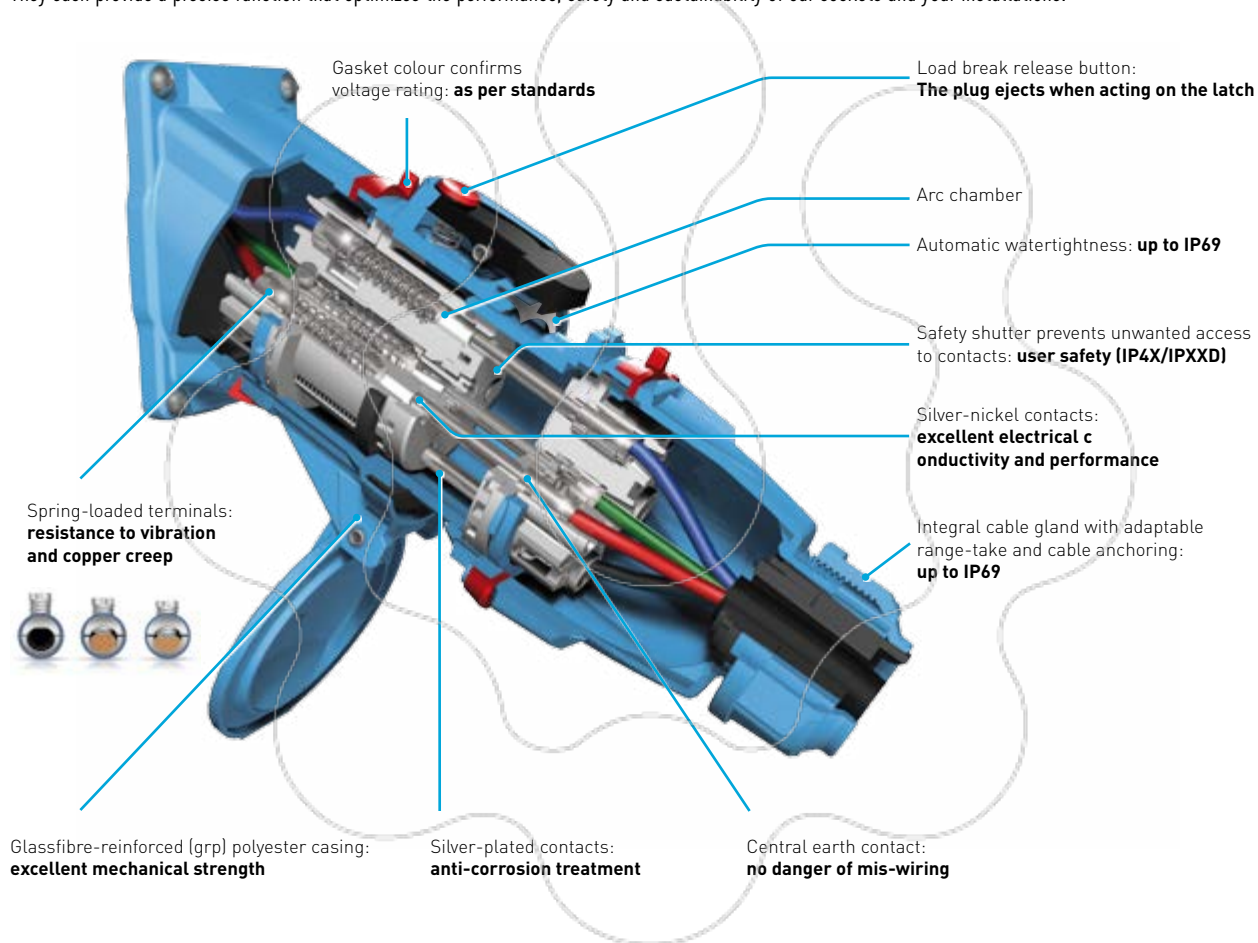


OUR TECHNOLOGY

A CONCENTRATE OF FEATURES TO ENSURE YOUR SAFETY

The quality of the material, the design, the assembly and the inspection of each component are at the core of our know-how and the MARECHAL® technology.

They each provide a precise function that optimizes the performance, safety and sustainability of our sockets and your installations.



ECONOMY OF INSTALLATION: DUAL-VOLTAGE

With a single base (e.g.: 3 PNE - 230/400 V) it is possible to feed 3 plugs indifferently:

- a 3 PNE - 400 V plug,
- a 3 PE - 400 V plug,
- a PNE - 230 V.

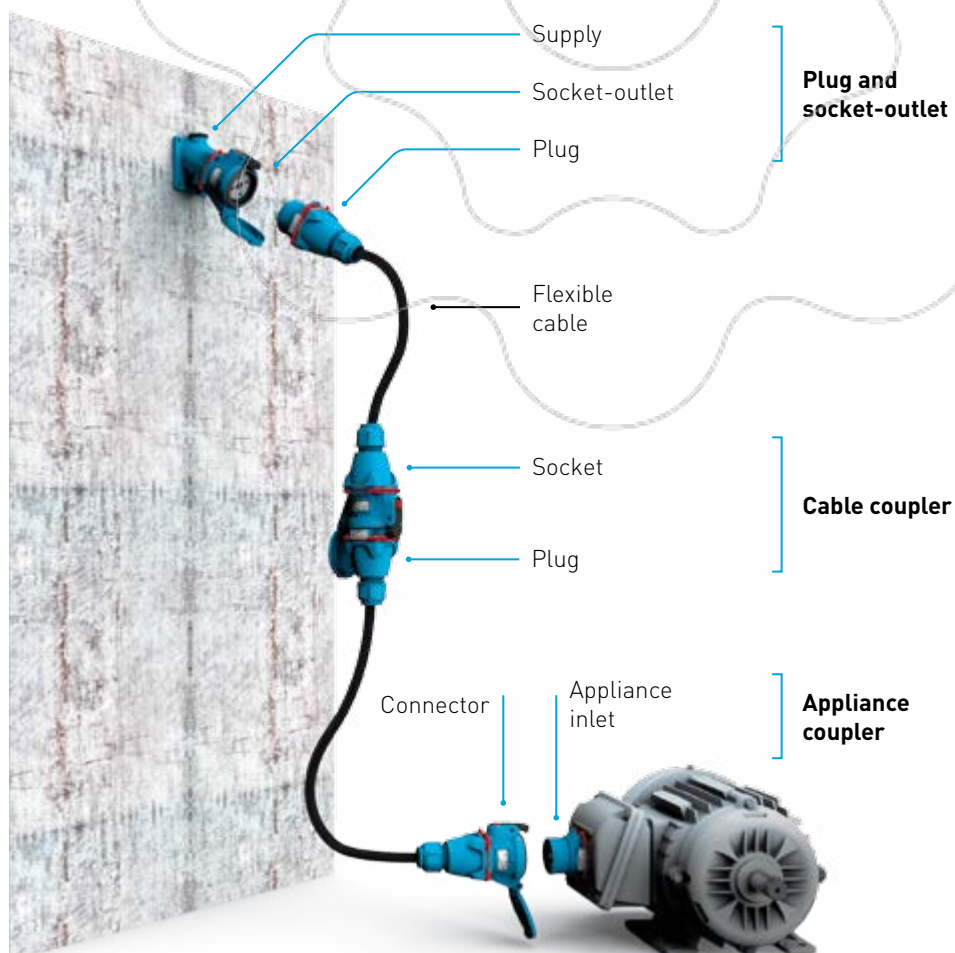
This compatibility provides real savings on the installation of these sockets for the user.



RECOMMENDED MOUNTING



IEC 60309-1 STANDARD TERMINOLOGY



20 A

500 V U MAX

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DSN1



1-2.5 mm² flexible
1.5-4 mm² stranded



2 PIL



IP66/IP67
IP69



GRP



IK08



-40°C
+60°C



AC-22
AC-23



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

220-250 V AC	1P+N+E + accessories	6114015 /	6114015 511M3	6114015 511B3M20 ⁽¹⁾	6114015 511P0D18 ⁽²⁾	6118015 511P0D18 ⁽²⁾	6118015 /
380-440 V AC	3P+E + accessories	6114013 /	6114013 511M3	6114013 511B3M20 ⁽¹⁾	6114013 511P0D18 ⁽²⁾	6118013 511P0D18 ⁽²⁾	6118013 /
220-250 V AC	3P+N+E + accessories	6114017 /	6114017 511M3	6114017 511B3M20 ⁽¹⁾	6114017 511P0D18 ⁽²⁾	6118017 511P0D18 ⁽²⁾	6118017 /
380-440 V AC							

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

The general catalogue contains all the available contacts configurations.

20 A

550 V U MAX

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DXN1



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



IP66/IP67



GRP



IK08



-40°C
+60°C



1-4 mm² flexible
1.5-6 mm² stranded



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

220-250 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 general catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



DECONTACTOR™

Industrial/domestic
adapters

Inlet cap IP66/IP67

Self-returning lid
(without full
closure IP40)

Locking pin for
1 padlocks Ø 8 mm
(padlocks not supplied)

DSN1	6118015D11*	611A426	Socket ref. + R	Socket ref. + 843
DXN1	/	Included	Socket ref. + R	Socket ref. + 843

* French standard. Replace D11 with : D40 for United Kingdom - D30 for Germany - D06 for Italy

32 A

690 V U_{MAX}

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DSN3



2.5-6 mm² flexible
2.5-10 mm² stranded



2 AUX



IP66/IP67
IP69



GRP



IK08



-40°C
+60°C



AC-22
AC-23



Voltages	Pole configuration	Socket-outlet	Inclined socket	Wall mounting socket	Coupler socket	Plug	Appliance inlet
220-250 V AC	1P+N+E + accessories	6134015 /	6134015 512M3	6134015 512B3M20 ⁽¹⁾	6134015 512P0D21 ⁽²⁾	6138015 512P0D21 ⁽²⁾	6138015 /
380-440 V AC	3P+E + accessories	6134013 /	6134013 512M3	6134013 512B3M20 ⁽¹⁾	6134013 512P0D21 ⁽²⁾	6138013 512P0D21 ⁽²⁾	6138013 /
220-250 V AC 380-440 V AC	3P+N+E + accessories	6134017 /	6134017 512M3	6134017 512B3M20 ⁽¹⁾	6134017 512P0D21 ⁽²⁾	6138017 512P0D21 ⁽²⁾	6138017 /

(1) M20 threading - (2) Gland size 5-21 mm.

The general catalogue contains all the available contacts configurations.

32 A

750 V U_{MAX}

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DXN3



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



2 AUX*



IP66/IP67



GRP



IK08



-40°C
+60°C



2.5-10 mm² flexible
2.5-16 mm² stranded



Voltages	Pole configuration	Socket-outlet	Inclined socket	Wall mounting socket	Coupler socket	Plug	Appliance inlet
220-250 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 10-14mm - (2) Gland size 12-18 mm.

The general catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



DECONTACTOR™	Industrial/domestic adapters	Inlet cap IP66/IP67	Self-returning lid (without full closure IP40)	Locking pin for 1 padlocks Ø 8 mm (padlocks not supplied)
DSN3	6138015D11*	613A426	Socket ref. + R	Socket ref. + 843
DXN3	/	253A426	Socket ref. + R	Socket ref. + 843

* French standard. Replace D11 with : D40 for United Kingdom - D30 for Germany - D06 for Italy

63 A

1 000 V U MAX

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DSN6



6-16 mm² flexible
10-25 mm² stranded



2/4 AUX



IP66/IP67
IP69



GRP



IK08



-40°C
+60°C



AC-22
AC-23



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

220-250 V AC	1P+N+E + accessories	6164015 /	6164015 513M3	6164015 513B3M25 ⁽¹⁾	6164015 513P0D30 ⁽²⁾	6168015 513P0D30 ⁽²⁾	6168015 /
380-440 V AC	3P+E + accessories	6164013 /	6164013 513M3	6164013 513B3M25 ⁽¹⁾	6164013 513P0D30 ⁽²⁾	6168013 513P0D30 ⁽²⁾	6168013 /
220-250 V AC 380-440 V AC	3P+N+E + accessories	6164017 /	6164017 513M3	6164017 513B3M25 ⁽¹⁾	6164017 513P0D30 ⁽²⁾	6168017 513P0D30 ⁽²⁾	6168017 /

(1) M25 threading - (2) Gland size 10-30 mm.

The general catalogue contains all the available contacts configurations.

63 A

750 V U MAX

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DXN6



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



2 AUX*



IP66/IP67



GRP



IK08



-40°C
+60°C



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

220-250 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 general catalogue contains all the available contacts configurations.

ACCESSORIES AND OPTIONS



In-line connections
(a pair of finger
draw plates to aid
closing)

Inlet cap IP66/IP67

180° Opening lid

Self-returning lid
(without full
closure IP40)

Locking pin for
1 padlock from ø 4
to 8 mm (padlocks
not supplied)

DSN6	616A346	616A426	Socket ref. + 10	Socket ref. + R	Socket ref. + 843
DXN6	616A346	256A426	Socket ref. + 10	Socket ref. + R	Socket ref. + 843

90 A

1 000 V
U MAX

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DS6



10-25 mm² flexible
10-35 mm² stranded



2/4 AUX



IP66/IP67



GRP
METAL



IK08
IK09



-40°C
+60°C



AC-22
AC-23



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

220-250 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⁾ /
220-250 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 general catalogue contains all the available contacts configurations.



Metal references are available in the catalogue



**ACCESSORIES
AND OPTIONS**



In-line connections
(a pair of finger draw
plates to aid closing)



Inlet cap IP66/IP67



Locking pin for
2 padlocks from
ø 4 to 8 mm (padlocks
not supplied)

DECONTACTOR™

DS6

316A346

316A426

Socket ref. + 843

150 A

1 000 V
U MAX

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DS9



25-70 mm² flexible
25-95 mm² stranded



2/4/6
AUX



IP66/IP67



GRP
METAL



IK08
IK09



-40°C
+60°C



AC-22
AC-23



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 555P0D35 ⁽²⁾	3198013 555P0D35 ⁽²⁾	3198013 /
220-250 V AC	3P+N+E + accessories	3194017 /	3194017 515M3	3194017 595C3M40 ⁽¹⁾	3194017 555P0D35 ⁽²⁾	3198017 555P0D35 ⁽²⁾	3198017 /
380-440 V AC							

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

The general catalogue contains all the available contacts configurations.



Metal references are available in the
catalogue

125 A

750 V
U MAX

DECONTACTOR™
SWITCH + SOCKET-OUTLET

DX9



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



35-50 mm² flexible
50-70 mm² stranded



IP65/IP66



METAL



IK10



-40°C
+60°C



Voltages

Pole
configuration

Wall mounting socket

Coupler socket

Plug

380-440 V AC	3P+E + accessories	2694013 269AB5350M ⁽¹⁾	2694013 269A95350M ⁽¹⁾	2691013 ⁽²⁾ /
380-440 V AC	3P+N+E + accessories	2694017 269AB5350M ⁽¹⁾	2694017 269A95350M ⁽¹⁾	2691017 ⁽²⁾ /

(1) Gland size 23-35 mm - (2) Gland size 16-27 mm.

The general catalogue contains all the available contacts configurations.

ACCESSORIES
AND OPTIONS



Locking pin for
2 padlocks 8 mm
(padlocks not supplied)



Inlet cap IP66/IP67



Inlet cap IP65

DECONTACTOR™

DS9	Socket ref. + 843	319A426	/
DX9	Included	/	266A926

250 A $\frac{1\,000\text{ V}}{U_{MAX}}$

DECONTACTOR™ SWITCH + SOCKET-OUTLET

DS2



70-95 mm² flexible
70-120 mm² stranded



2/4/6
AUX



IP66/IP67



METAL



IK10



-40°C
+60°C



AC-22
AC-23

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 556P0D49 ⁽²⁾	3928013 556P0D49 ⁽²⁾	3928013 /
220-250 V AC	3P+N+E +	3924017	3924017	3924017	3924017	3928017	3928017
380-440 V AC		/	596M6	596E6M63 ⁽¹⁾	556P0D49 ⁽²⁾	556P0D49 ⁽²⁾	/

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

The general catalogue contains all the available contacts configurations.

200 A $\frac{750\text{ V}}{U_{MAX}}$

DX2



II 2 G D Ex de IIC T3 tD A21 T91°C

DECONTACTOR™ SWITCH + SOCKET-OUTLET



IP65/IP66



METAL



IK10



-40°C
+60°C



50 mm² flexible
70 mm² stranded

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 general 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	/	266A926

* The general catalogue contains all the available contacts configurations.

25 A

500 V
U MAX

MULTICONTACT
UP TO 7 PIN

PN7C

1-4 mm² flexible
1-6 mm² stranded

IP66/IP67 GRP METAL IK08 IK09 -40°C +60°C

Voltages

Pole configuration

Socket-outlet

Inclined socket

Wall mounting socket

Coupler socket

Plug

Appliance inlet

500 V AC	GRP	6P+E (16 A) + accessories	01P4061 /	01P4061 511M3	01P4061 511B3M20 ⁽¹⁾	01P4061 511P0D18 ⁽²⁾	01P8061 511P0D18 ⁽²⁾	01P8061 /
415 V AC	METAL	6P+E (16 A) + 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.

16 A

480 V
U MAX

MULTICONTACT
UP TO 12 PIN

PN12C

1-2.5 mm² flexible

Ex
PXN12C
See catalogue

IP66/IP67 GRP METAL IK08 IK09 -40°C +60°C

Voltages

Pole configuration

Socket-outlet

Inclined socket

Wall mounting socket

Coupler socket

Plug

Appliance inlet

480 V AC	GRP	12 pin + accessories	01A4001 /	01A4001 511M3	01A4001 511B3M20 ⁽¹⁾	01A4001 511P0D18 ⁽²⁾	01A8001 511P0D18 ⁽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

16 A

480 V
U MAX

MULTICONTACT

UP TO 12 PIN



1-2.5 mm²
flexible



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

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.

16 A

480 V
U MAX

MULTICONTACT

FROM 24 PIN UP TO 37 PIN



1-2.5 mm²
flexible



DXN25C/DXN37C
See catalogue



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

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 512P0D21 ⁽²⁾	61B8002 512P0D21 ⁽²⁾	61B8002 /
480 V AC	37 pin + accessories	61C4003 /	61C4003 513M3	61C4003 513C7000 ⁽¹⁾	61C4003 513P0D30 ⁽³⁾	61C8003 513P0D30 ⁽³⁾	61C8003 /

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

(3) Gland size 10-30 mm.

ACCESSORIES AND OPTIONS



Locking pin for
1 padlock ø 8 mm
(padlocks not
supplied)



Inlet cap IP66/IP67



180° Opening lid



Self-returning
lid (without full
closure IP40)



Bag of 13 females/
males contacts

DECONTACTOR™	Locking pin for 1 padlock ø 8 mm (padlocks not supplied)	Inlet cap IP66/IP67	180° Opening lid	Self-returning lid (without full closure IP40)	Bag of 13 females/ males contacts
DSN12C	Socket ref. + 843	611A426	Socket ref. + 10	Socket ref. + R	01AA213/01AA113
DSN24C	Socket ref. + 843	613A426	Socket ref. + 10	Socket ref. + R	01AA213/61CA113
DSN37C	Socket ref. + 843	616A426	Socket ref. + 10	Socket ref. + R	01AA213/61CA113

16 A

480 V
U MAXI

COMPACT CONNECTOR



PNC



0.75-
2.5 mm²



5A Available



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

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

(1) Gland size 11-15 mm.

30 A

500 V
U MAXI

COMPACT PLUGS & SOCKETS



PN



Metal references are
available in the catalogue



1-6 mm² flexible
1.5-10 mm² stranded



Voltages

Pole
configuration

Socket-outlet

Inclined
socket

Wall
mounting
socket

Coupler
socket

Plug

Appliance
inlet

Voltages	Pole configuration	Socket-outlet	Inclined socket	Wall mounting socket	Coupler socket	Plug	Appliance inlet
220-250 V AC	1P+N+E + accessories	01N4015	01N4015 511M3	01N4015 511B3M20 ⁽¹⁾	01N4015 511P6D18 ⁽²⁾	01N8015 511P6D18 ⁽²⁾	01N8015 /
380-440 V AC	3P+E + accessories	01N4013	01N4013 511M3	01N4013 511B3M20 ⁽¹⁾	01N4013 511P6D18 ⁽²⁾	01N8013 511P6D18 ⁽²⁾	01N8013 /
220-250 V AC	3P+N+E + accessories	01N4017	01N4017 511M3	01N4017 511B3M20 ⁽¹⁾	01N4017 511P6D18 ⁽²⁾	01N8017 511P6D18 ⁽²⁾	01N8017 /

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

The general 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	/	/

20 A to 32 A

AUTOMATIC
ELECTROMECHANICAL SELF-EJECTION

RETTBOX® S



You will find all the references in the general catalogue.

- For all types of emergency vehicles
- Self-eject DECONTACTOR™ for:
 - power supply
 - pneumatic air
- 316 L stainless steel housing with electromagnetic coil (12 V DC- 24 V DC)
- Automatic ejection of the coupler socket upon start-up of the vehicle

20 A to 90 A

CD

DISTRIBUTION BOX



IP66/IP69



GRP



IK09



-40°C
+60°C



Configurations available upon request.

You will find all the references in the general catalogue.

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



400 A $\frac{1\,000\text{ V}}{U_{MAX}}$



DSP400



2 PIL



IP66/IP67



▶ IK08
▶ IK09



-40°C
+60°C



50-240 mm² flexible
70-300 mm² stranded

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



You will find all the references
in the general catalogue.

400 A $\frac{1\,000\text{ V}}{U_{MAX}}$



CS1000



IP66/IP67



GRP



IK08



-40°C
+60°C



50-150 mm² flexible

- ▶ Automatic IP66/IP67 water- and dust-tight
- ▶ Visual and mechanical coding
- ▶ Padlocking in option



You will find all the references
in the general catalogue.

SINGLE POLE CONNECTORS



700 A $\frac{1\,000\text{ V}}{U_{MAX}}$

SINGLE POLE CONNECTORS

SP



You will find all the references in the general catalogue.



2 PIL



IP66/IP67



GRP



IK08



-40°C
+60°C



50-400 mm² flexible
70-400 mm² stranded



Available
in 680 A

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

1250 A $\frac{1\,000\text{ V}}{U_{MAX}}$

DSP1250



You will find all the references in the general catalogue.



2 PIL



IP66/IP67



GRP



IK10



-40°C
+60°C



50-630 mm² flexible
70-630 mm² stranded

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



400 A ^{1 000 V} U MAXI

HEAVY-DUTY PLUGS & SOCKETS

DS4



2 PIL



IP66/IP67



METAL



IK10



-40°C
+60°C



95-150 mm² flexible
95-185 mm² stranded



You will find all the references
in the general catalogue.

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

Up to 600 A ^{1 000 V} U MAXI

HEAVY-DUTY PLUGS & SOCKETS

PF



2 PIL
6 AUX



IP66/IP67



METAL



IK10



-40°C
+60°C



95-240 mm²



You will find all the references
in the general catalogue.

- Up to 600 A/1 000 V
- Automatic IP66/IP67 water-and dust-tight
- Mechanical and electrical interlocking
- 3P+N+E+6 auxiliaries + 2 pilots
- Metal casing and stainless steel case 316L



* The general catalogue contains all the available contacts configurations.

63 A

750 V
U_{MAX}

SOCKET OR JUNCTION BOXES



B2X



IP66/IP67



GRP



IK09



-50°C
+60°C



Consult us to compose the box that meets your needs.



You will find all the references in the general catalogue.

- ▶ II 2 G D Ex e IIC Gb, Ex tb IIIC Db
- ▶ Intrinsic safety capability
- ▶ IP66/IP67 Water-and dust-tight
- ▶ GRP casing, exists with hinges
- ▶ With Ex e certified terminals
- ▶ Dimension 120x120x90 mm or 160x160x90 mm

Up to 680 A

1 000 V
U_{MAX}

JUNCTION BOXES



MXBS



IP66/IP67



METAL



IK09



-55°C
+60°C



Consult us to compose the box that meets your needs.



You will find all the references in the general catalogue.

- ▶ 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
- ▶ GRP casing, aluminium, stainless steel 316L
- ▶ From -55 °C to +60 °C





MAIN OPTIONS

MECHANICAL LOCKING

Locking devices prevent the unintentional supply or use of an equipment during maintenance, and fit perfectly within consignment procedures known as LOTO (Lockout/Tag-out). Socket-outlets adjacent to electric machines or motors may be disconnected and locked-out thus providing a visible disconnection and protecting workers from a local security failure, without the use of an authorized electrician.

Socket-outlet alone



Connected assembly



Plug alone



STOP-LATCH

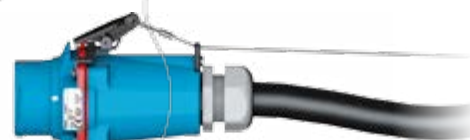
This option is ideal for quick disconnection of machinery and equipment by employees wearing gloves. The latch is fitted with a red label with warning «stop» for ease of identification.

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



SELF-EJECT

Avoid the socket-outlet pull-out in case of cable pull.



FINGER DRAW PLATES

Engagement support systems for inserting the plug into the socket.

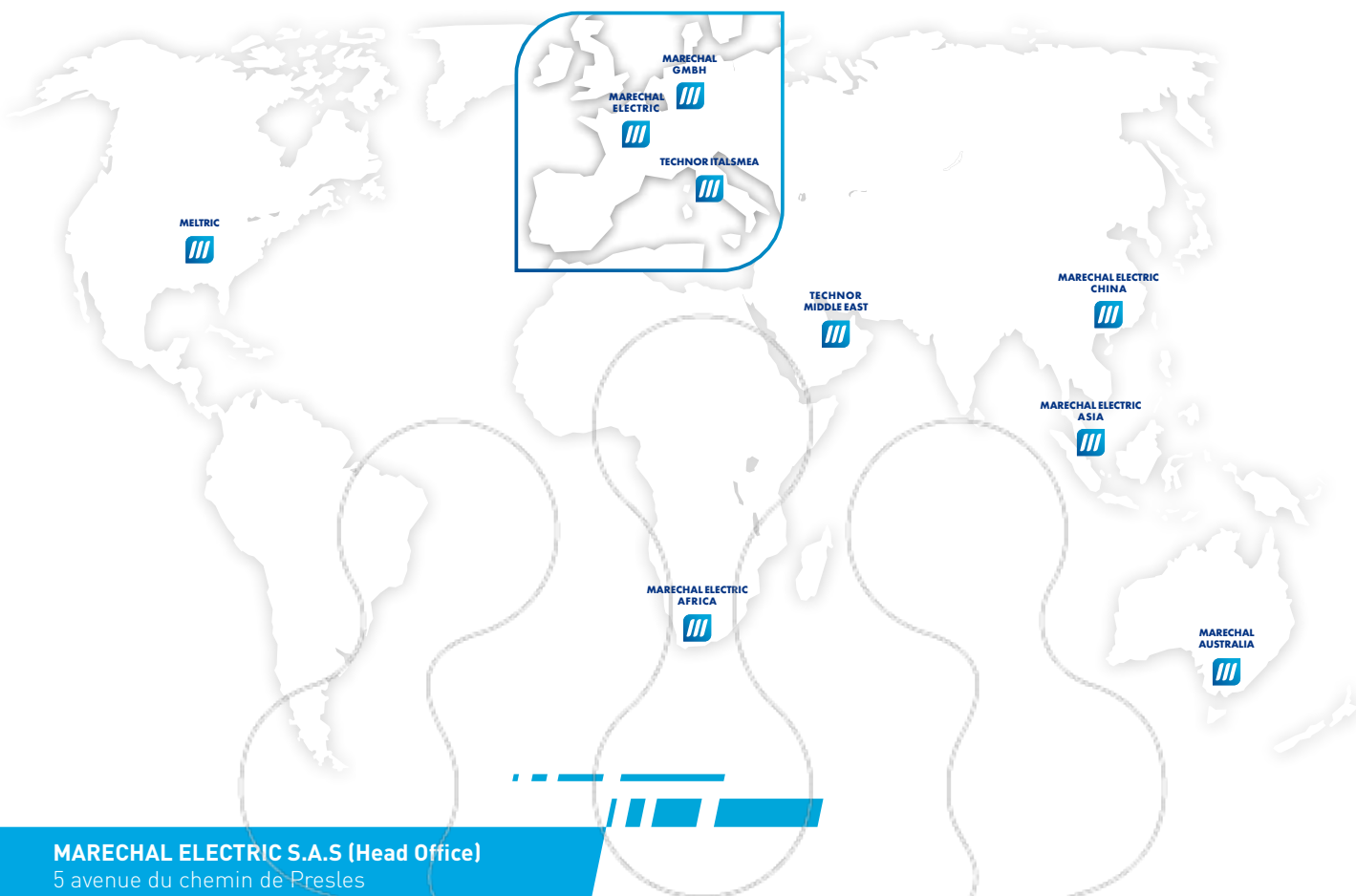
Finger draw-plates are available in pairs with 2 seals and mounting screws a bit longer than standard.



Lever mechanism



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