



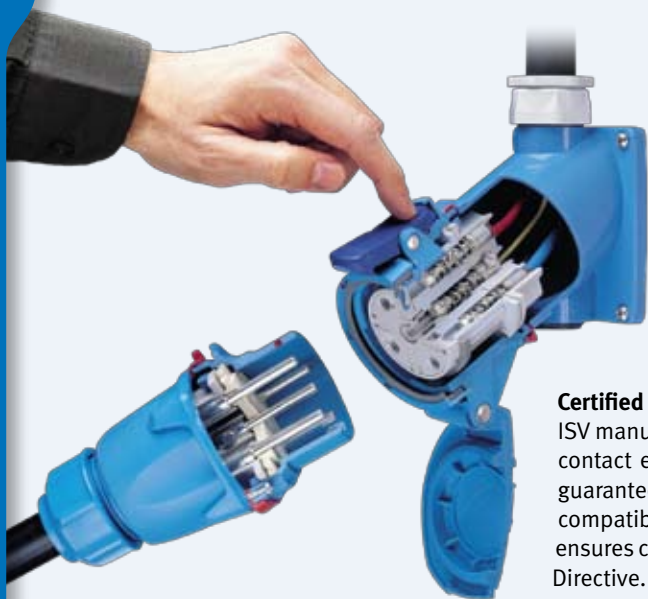
Plugs & Socket-Outlets
Decontactors
Connectors



innovativ - sicher - verbinden

Industrial plugs & socket-outlets, Decontactors & connectors

5 A – 700 A · 12 V – 1000 V · IP54 – IP67



Marechal plugs and socket-outlets provide maximum safety and reliability. They are fitted with silver-nickel butt contacts offering corrosion resistance and long product life even under extreme conditions. They are used in a wide range of industrial applications: industrial machinery and portable equipment of any kind, iron and steel industries, foundries, building industry, mines, quarries, tunnelling, food industry, chemical industry, sewage plants, automotive industry, harbours, cranes, air and rail transport, emergency services, ...

Certified quality

ISV manufactures according to the Marechal technology and is a member of the Butt-contact electrical Connectors Manufacturers' Association BECMA. This association guarantees an international standard as well as a perfect interchangeability and compatibility of the products manufactured by all members worldwide. It also ensures conformity with international standards and in particular with the Low Voltage Directive. The ISV quality management system is certified DIN EN ISO 9001:2008.

Wide product range

The product range includes plugs and socket-outlets, Decontactors with an integral switching device and connectors in different versions: watertight IP67, explosion proof / ATEX certified, heat resistant, auto eject, multi-contact, EMC, ... The power spectrum ranges from Milliamps for signal and control purposes to 700 Amps for high current applications. According to requirements, highly resistant poly or robust metal casings are available.

A built-in load breaking capacity

Marechal Decontactors are plugs and socket-outlets with an integral switching device. Up to 250 A, they can break loads in complete safety. The handling is easy and requires just a simple press on the socket latch. Therefore, in many cases, an additional mechanically interlocked switch system is no longer necessary.

Meeting the standards

The Decontactors comply with European and international standards:

- IEC/EN 60309-1 and 60309-4 for industrial plugs and socket-outlets,
- IEC/EN 60947-3 for low-voltage switchgear, utilisation category AC22/AC23.

Furthermore, they have international approvals (VDE, UL, CSA, ...).

All explosion proof ranges are ATEX and IEC Ex certified.



Safe and easy handling



1 The Decontactor is connected.



2 A simple press on the latch makes the Decontactor break the circuit. The plug is ejected to its parked position.



3 Now, a simple quarter of a turn of the plug to the left for the DS, DSN and DB ranges and to the right for DNs allows it to be totally withdrawn from the socket. This is done in complete safety as the device has been switched off.



4 The plug and the socket-outlet are separated: Thanks to the safety shutter located in front of the socket-outlet (for the DS and DSN), live parts are inaccessible to touch and contact by wires exceeding 1 mm in diameter (IP4X lid open).

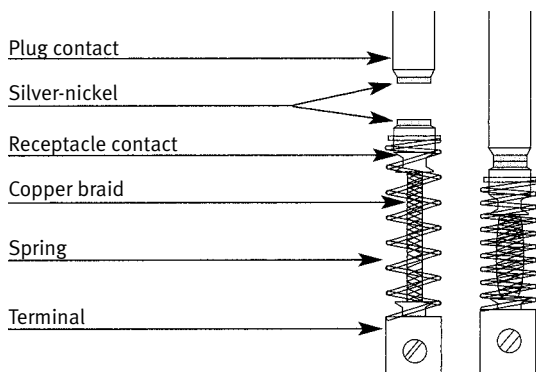
The Decontactor - combining reliability, safety and efficiency

Exceptional reliability of the connection

Decontactors are fitted with spring-loaded butt contacts with silver-nickel tips. Silver guarantees high quality connections because it is not affected by oxidation and remains an excellent conductor even after years of intensive use. Butt contacts ensure and maintain minimum contact resistance, thus preventing an excessive rise in temperature. Thanks to springs in the socket-outlet, the contact pressure is well-defined and remains constant even after many cycles.

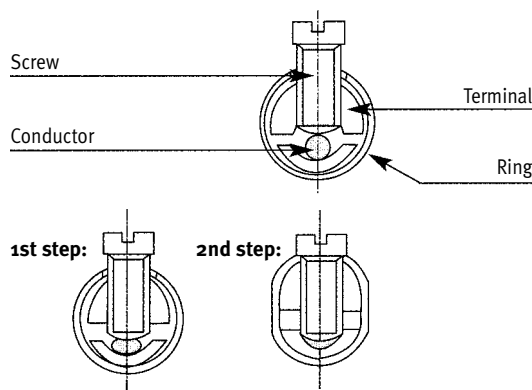


Constant contact pressure



Spring assisted terminals

The non loosening of conductors is guaranteed by spring assisted tightening terminals that apply constant pressure on conductors.



Overload conditions

This contact system enables Marechal Decontactors to withstand overload conditions representing up to 8 times their normal rated current, e.g. during the starting up of a motor.

Safety for operators and machines

Load breaking capacity

In order to comply with safety regulations and to avoid any risk, many industrial applications combine plugs and sockets with a switch or use plugs and socket-outlets with an integral switching device such as Marechal Decontactors. Thanks to their exceptional breaking capacity (IEC/EN 60947-3, AC22/AC23) Decontactors can safely disconnect devices up to 250 A. Just pressing on the button will switch off the Decontactor. Thus, the plug is de-energized before it is removed. As it prevents any risk of drawing an electric arc formation upon removing the plug, this system provides total safety to the user.



Safety shutter

A safety shutter at the front of the socket-outlet (DS/DSN/DXN ranges) remains locked when the plug is pulled out and prevents any access to live parts.



Differentiation and polarity

Marechal Decontactors have generally 24 different possible keying positions, thus preventing unwanted connections between products having different voltages or applications. In order to differentiate the earth contact from the others, it is always located at the centre of the insulator, thereby preventing any accidental connection with a phase contact. The earth (ground) contact closes first and opens last, always ensuring a safe earth connection.

A simple press on the latch makes the Decontactor break the circuit.



Economic efficiency

Marechal Decontactors offer an economic solution:

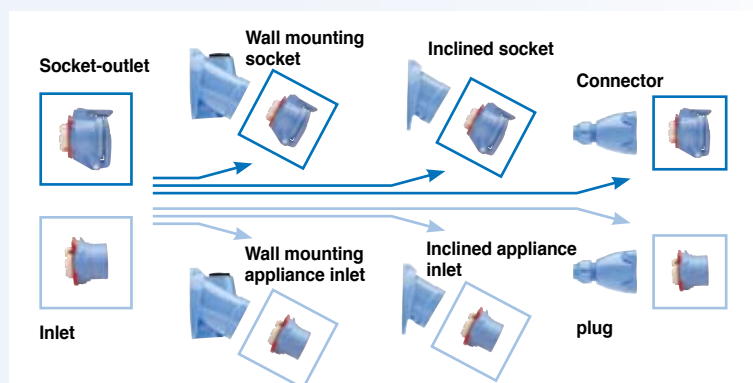
- They are the combination of a plug/socket-outlet and a switch in one device.
- Their modular system allows to connect in one single 3P+N+E socket-outlet 3 plugs (1P+N+E, 3P+E and 3P+N+E), thus reducing the number of socket-outlets and installation costs.
- Thanks to their breaking capacity, Decontactors can in many cases do without costly additional installations such as the combination with switches or pilot wiring.

Flexibility and increased productivity

Motors connected by means of a Marechal Decontactor can be moved quickly and safely, without any constraints. Simply press the Decontactor button any time maintenance, repair or replacement is needed. Machine downtime is significantly reduced compared with the “hard wiring” solution. No on-site electrician is required any more to unwire and rewire the motor, leading to additional savings. The quick connection of back-up motors using Decontactors helps by-pass many redundant installations that were previously required to ensure continuous production in the event of a breakdown.

Modular Design

ISV provides for an economical and effective modular system by combining accessories and electric parts upon request. This ensures easy maintenance and installation as well as reduction of stock. Alone or in combination, the different parts can be combined to form the assemblies as shown on the right. Most accessories and components are available as spare parts.



Robust casings and high protection degree



Decontactors use high performance materials that are resistant to most chemicals and have outstanding mechanical characteristics in a broad range of temperature. Their resistance to shocks varies between IKo8 and IK10 according to IEC 62262 standard. The casings are either made of GRP (glass re-inforced polyester), high performance polyamide or metal. Generally speaking, the operating range of temperature of our products is -40 °C to +60 °C. Some products have been designed to operate at higher temperatures up to 240 °C.

Most Marechal products are watertight IP66/IP67. The protection degree is obtained upon connection without any additional operation. When disconnected, the socket-outlet is also automatically watertight as soon as the lid is closed.

- Plugs and socket-outlets with an integral switching device (IEC/EN 60309-1 and 60309-4)
- Easy handling by a simple press on the socket latch
- Very compact design
- Casings made of glass fibre reinforced polyester
- Resistance to shocks, UV radiation, chemical agents...
- Resistance to high pressure washing
- Interior keying system with 24 non-interchangeable positions
- Silver-nickel butt contacts – not affected by oxidation
- Safety shutter



Decontactors

16 A – 63 A
Up to 1000 V AC and 250 V DC
IP66/IP67

Basic components

Socket-outlet	A / V	Contacts	Part N°				
	16–20 A / 230 V	1P + N + E	61 14015	 	Wall mounting socket Inclined socket Connector		
	16–20 A / 400 V	3P + N + E	61 14017				
	32 A / 230 V	1P + N + E	61 34015				
	32 A / 400 V	3P + N + E	61 34017				
	32 A / 400 V	3P + N + E + 2 aux.	61 34017 972				
	63 A / 230 V	1P + N + E	61 64015				
	63 A / 400 V	3P + N + E	61 64017				
	63 A / 400 V	3P + N + E + 2 aux.	61 64017 972				
	63 A / 400 V	3P + N + E + 4 aux.	61 64017 264				
	For additional voltages (up to 1000 V), other contact configurations or options, please consult us.						
Inlet	A / V	Contacts	Part N°				
	16–20 A / 230 V	1P + N + E	61 18015	 	Wall mounting appliance inlet Inclined appliance inlet Plug		
	16–20 A / 400 V	3P + N + E	61 18017				
	32 A / 230 V	1P + N + E	61 38015				
	32 A / 400 V	3P + N + E	61 38017				
	32 A / 400 V	3P + N + E + 2 aux.	61 38017 972				
	63 A / 230 V	1P + N + E	61 68015				
	63 A / 400 V	3P + N + E	61 68017				
	63 A / 400 V	3P + N + E + 2 aux.	61 68017 972				
	63 A / 400 V	3P + N + E + 4 aux.	61 68017 264				
	For additional voltages (up to 1000 V), other contact configurations or options, please consult us.						

Installation accessories

Wall box 30°, poly		Modular wall box 70°, poly		Wall box metal + metal sleeve 70°	
Size	/ Entry	Part N°	Size	Part N°	Size / Entry
	for 16–20 A / M20 for 32 A / M25 for 63 A / M25	61 1A053 61 3A083 61 6A053		for 16–20 A for 32 A for 63 A	51 AA058 51 BA058 51 CA058
	for 63 A / M32	87 3A053 419			
Inclined sleeve 30°, poly		Modular inclined sleeve 70°, poly		Inclined sleeve 70°, metal	
Size	Part N°	Size	Part N°	Size	Part N°
	for 16–20 A for 32 A for 63 A	61 1A027 61 3A027 61 6A027		for 16–20 A for 32 A for 63 A	51 AA757 51 BA757 51 CA757
	for 63 A	87 3A087			
Standard handle		Flowerpot handle			
Size	/ Ø mm	Part N°	Size	/ Entry	Part N°
	for 16–20 A / 9–18 for 32 A / 5–21 for 63 A / 10–30	61 1A013 61 3A013 61 6A473		for 16–20 A / M25 for 32 A / M25 for 63 A / M32	61 1A253 25P 61 3A253 25P 61 6A253 32P

Max. current / max. voltage			Load breaking capacity					
			Max. conductor cross-section in mm ²					
			400 V	500 V	690 V	flexible	stranded	auxiliaries
DSN1	20 A	500 V	20 A	20 A	–	2,5	4	–
DSN3	32 A	690 V	32 A	32 A	32 A	6	10	6
DSN6	63 A	1000 V	63 A	63 A	63 A	16	25	2,5

Other currents / voltages on request.

DS Decontactors

- Plugs and socket-outlets with an integral switching device (IEC/EN 60309-1 and 60309-4)
- Easy handling by a simple press on the socket latch
- Compact design
- Interior keying system with 24 non-interchangeable positions
- Silver-nickel butt contacts – not affected by oxidation
- Safety shutter
- Easy closing mechanism as standard for DS9 (90 A-150 A)
- EMC versions on request



16 A – 150 A
Up to 1000 V AC and 250 V DC
IP54 – IP67

Basic components

Socket-outlet	A / V	Contacts	Part N°									
	Poly					+	=					
	16–30 A / 230 V	1P + N + E	31 14015(*)	Wall box					Wall mounting socket			
	16–30 A / 400 V	3P + N + E	31 14017(**)									
	32–50 A / 230 V	1P + N + E	31 34015(*)	Inclined sleeve					Inclined socket			
	32–50 A / 400 V	3P + N + E	31 34017(**)									
	63–90 A / 230 V	1P + N + E	31 64015(*)									
	63–90 A / 400 V	3P + N + E	31 64017(**)									
	90–150 A / 400 V	3P + N + E	31 94017(**)									
	Metal											
	63–90 A / 230 V	1P + N + E	39 64015(*)									
	63–90 A / 400 V	3P + N + E	39 64017(**)									
	90–150 A / 400 V	3P + N + E	39 94017(**)									
Other contact configurations or additional auxiliary contacts (up to 6 aux.) on request. (*) For version with 2 auxiliaries: part n° + 972 (**) For version with 4 auxiliaries: part n° + 262												
	Poly					+	=					
	16–30 A / 230 V	1P + N + E	31 18015(*)	Wall box					Wall mounting appliance inlet			
	16–30 A / 400 V	3P + N + E	31 18017(**)									
	32–50 A / 230 V	1P + N + E	31 38015(*)	Inclined sleeve					Inclined appliance inlet			
	32–50 A / 400 V	3P + N + E	31 38017(**)									
	63–90 A / 230 V	1P + N + E	31 68015(*)									
	63–90 A / 400 V	3P + N + E	31 68017(**)									
	90–150 A / 400 V	3P + N + E	31 98017(**)									
	Metal											
	63–90 A / 230 V	1P + N + E	39 68015(*)									
	63–90 A / 400 V	3P + N + E	39 68017(**)									
	90–150 A / 400 V	3P + N + E	39 98017(**)									
Other contact configurations or additional auxiliary contacts (up to 6 aux.) on request. (*) For version with 2 auxiliaries: part n° + 972 (**) For version with 4 auxiliaries: part n° + 262												

Installation accessories

Wall box 30°, poly			Wall box 20°, metal			Wall box metal + metal sleeve 70°				
Size	/ Entry	Part N°	Size	/ Entry	Part N°	Size	/ Entry	Part N°		
	for 16–32 A	/ M20	31 1A053		for 63–90 A / M40 for 125–150 A / M50	39 6A053 39 9A053		for 32–50 A	/ M25	87 3A053
	for 32–50 A	/ M25	31 3A053					for 63–90 A	/ M40	87 6A053
	for 63–90 A	/ M40	31 6A053					for 90–150 A	/ M50	87 9A053
Inclined sleeve 30°, poly			Inclined sleeve 30°, metal			Inclined sleeve 70°, metal				
Size		Part N°	Size		Part N°	Size		Part N°		
	for 16–30 A		31 1A027		for 63–90 A / M40 for 125–150 A / M50		for 32–50 A		87 3A087	
	for 32–50 A		31 3A027				for 63–90 A		87 6A087	
	for 63–90 A		31 6A027				for 90–150 A		87 9A087	
	for 90–150 A		31 9A027							
Handle, poly			Handle, metal							
Size	/ Ø mm	Part N°	Size	/ Entry*	Part N°					
	for 16–30 A	/ 5–21	31 1A013		for 16–30 A / M20 for 32–50 A / M25 for 63–90 A / M40 for 90–150 A / M50	31 1A963 31 3A963 31 6A963 31 9A963				
	for 32–50 A	/ 10–30	31 3A013							
	for 63–90 A	/ 13–35	31 6A013							
	for 90–150 A	/ 18–49	65 9A013 D...							

*Other cable entries on request.

Max. current / max. voltage

Load breaking capacity

	Max. current / max. voltage	Max. conductor cross-section in mm ²						
		400 V	500 V	690 V	flexible	stranded	auxiliaries	
DS1	30 A / 690 V	30 A	30 A	30 A	6	10	6	
DS3	50 A / 1000 V	50 A	50 A	50 A	16	25	6	
DS6	90 A / 1000 V	90 A	90 A	90 A	25	35	1,5	
DS9	150 A / 1000 V	150 A	125 A	125 A	70	95	1,5	

Other currents / voltages on request.

- Plugs and socket-outlets with an integral switching device (IEC/EN 60309-1 and 60309-4)
- Easy handling by a simple press on the socket latch
- No load-breaking capacity for 400 A or 1000 V versions
- Electrical and mechanical interlocking for 400 A or 1000 V versions
- Silver-nickel butt contacts – not affected by oxidation
- Robust metal casings (IK09)
- Wall box 20° made of stainless steel V2A
- Safety shutter
- Easy closing mechanism
- EMC versions on request



Decontactors & Plugs & socket-outlets

250 A – 400 A
Up to 1000 V AC and 1500 V DC
IP54 – IP67

Basic components

Socket-outlet	A / V	Contacts	Part N°	
	250 A / 1000 V	3P + E + 2 aux.	39 24223 172 099	
	250 A / 400 V	3P + N + E	39 24017	
	250 A / 400 V	3P + N + E + 2 aux.	39 24017 972	
	400 A / 400 V	3P + E + 2 aux.	39 44013 172 00N	
	400 A / 1000 V	3P + E + 2 aux.	39 44223 172 00N	
For additional voltages or other contact configurations, please consult us.				

Inlet	A / V	Contacts	Part N°	
	250 A / 1000 V	3P + E + 2 aux.	39 28223 172 099	
	250 A / 400 V	3P + N + E	39 28017	
	250 A / 400 V	3P + N + E + 2 aux.	39 28017 972	
	400 A / 400 V	3P + E + 2 aux.	39 48013 172 00N	
	400 A / 1000 V	3P + E + 2 aux.	39 48223 172 00N	
For additional voltages or other contact configurations, please consult us.				

Installation accessories

Wall box 60°, metal			Wall box 20°, stainless steel V2A			(*) Replace XXX with the appropriate suffix number that represents the cable outer diameter of your choice: 35–46 mm → 63M 46–60 mm → 25Z 58–65 mm → 30Z
Size	/ Entry	Part N°	Size	/ Ø mm	Part N°	
	for 250 A	/ M63	39 2A053 63M	for 250 A / 36–65 for 400 A / 36–65	39 4A025 XXX(*) 39 4A025 XXX(*)	
Inclined sleeve 60°, metal			Surface mounting socket-outlet DS4			
Size	Part N°		A / V	Contacts	Ø mm	Part N°
	for 250 A for 400 A	39 2A027 39 4A027 68	400 A / 400 V 400 A / 1000 V	3P + E + 2 aux. 3P + E + 2 aux.	41–54 41–54	39 40013 CCC 826 39 40223 CCC 826
Equipped with contactor, on/off push-button, emergency push button						
Handle, poly			Handle, metal			(*) Replace XX with the appropriate suffix number that represents the cable outer diameter of your choice: 53–57 mm → 57 62–68 mm → 68 58–62 mm → 62 69–73 mm → 73
Size	/ Ø mm	Part N°	Size	/ Ø mm	Part N°	
	for 250 A	/ 34–44	39 2A753	for 250 A / 40–54 for 400 A / 53–73	39 2A915 39 4A915 XX(*)	

Max. current / max. voltage			Load breaking capacity					
			Max. conductor cross-section in mm ²					
			400 V	500 V	690 V	flexible	stranded	auxiliaries
DS2	250 A	1000 V	250 A	200 A	200 A	95	120	1,5
DS4	400 A	1000 V	–	–	–	150	185	1,5

- Plugs and socket-outlets according to IEC/EN 60309-1
- Very compact design
- Poly or metal casings
- PLC signal transmittable
- Interior keying system with 16 non-interchangeable positions
- Silver-nickel butt contacts – not affected by oxidation
- High temperature versions (metal):
 - PN HT up to 185°C
 - PN Teflon up to 240°C
- EMC versions on request

PN

Plugs & socket-outlets



mA – 30 A
 Up to 500 V AC and 130 V DC
 IP66/IP67
 High temperature versions: IP44

Basic components

Socket-outlet	A / V	Contacts	Part N°							
	PN poly: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	01 N4015 01 N4017		+		=			
	PN metal: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	09 N4015 09 N4017					+		=
	PN HT 185 °C: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	09 24015 185 09 24017 185							
	PN Teflon 240 °C: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	09 24015 175 09 24017 175							
For additional voltages (up to 500 V) or other contact configurations (up to 12 contacts), please consult us.										
Inlet	A / V	Contacts	Part N°							
	PN poly: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	01 N8015 01 N8017		+		=			
	PN metal: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	09 N8015 09 N8017					+		=
	PN HT 185 °C: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	09 28015 185 09 28017 185							
	PN Teflon 240 °C: mA–30 A / 230 V mA–30 A / 400 V	1P + N + E 3P + N + E	09 28015 175 09 28017 175							
For additional voltages (up to 500 V) or other contact configurations (up to 12 contacts), please consult us.										

Installation accessories

Wall box for PN standard version				Wall box, straight, for PN HT 185 °C and PN Teflon 240 °C				Wall box 45° for PN HT 185 °C and PN Teflon 240 °C			
Type	/ Entry	Part N°		Type	/ Entry	Part N°		Type	/ Entry	Part N°	
	Poly / M20 Poly / M25 Metal / M20 Metal / M25	01 NA055 01 NA055 418 09 NA055 09 NA055 418			Metal / M20 Metal / M25	09 2A055 185 09 NA055 418			Metal / M20	09 2A653 185	
Inclined sleeve for PN standard version				Inclined sleeve, metal, for PN HT 185 °C and PN Teflon 240 °C							
Type		Part N°		Type		Part N°					
	Poly Metal	01 NA027 09 NA027				09 2A027 185					
Straight handle for PN standard version				Angled handle for PN standard version				Metal handle for PN HT 185 °C and PN Teflon 240 °C			
Type	/ Entry	Part N°		Type	/ Entry	Part N°		Type	/ Entry	Part N°	
	Poly / 9–18 mm Poly / M25 Metal / M20 Metal / M25	01 NA013 01 NA253 25P 09 NA963 09 NA953 25M			Poly / 9–18 mm	01 NA313			/ 6–13 mm / 10–18 mm / 16–24 mm	09 2A963 185 09 2A674 185 09 2A675 185	

	Current			
	400 V		500 V	
	Max. conductor cross-section in mm ²			
			flexible	stranded
PN	30 A	30 A	6	10
PN HT 185 °C	30 A	30 A	6	10
PN Teflon 240 °C	30 A	30 A	6	10

- Up to 37 contacts
- For signal and control purposes
- PLC signal transmittable
- Poly or metal casings
- Interior keying system with up to 6 non-interchangeable positions
- Silver-nickel butt contacts – not affected by oxidation
- Protection degree IP66/IP67 for PN and DSN
- Protection degree IP54 for DN (IP66/IP67 as an option)
- EMC versions on request



Multicontact plugs & socket-outlets

mA – 25 A
Up to 500 V AC and 130 V DC
IP54 – IP67

Basic components

Socket-outlet	Range	A / V	Contacts	Part N°	
	Poly				
	PN12C	10 A / 500 V	11P + E	01 M4111	
	Σ of currents (contacts) ≤ 100 A				
	DSN24C	5 A / 415 V	23P + E	61 04231	
	Σ of currents (contacts) ≤ 120 A				
	DSN37C	5 A / 415 V	36P + E	61 04361	
Σ of currents (contacts) ≤ 185 A					
	Metal				
	PN12C	10 A / 415 V	11P + E	09 M4111	
	Σ of currents (contacts) ≤ 100 A				
	DN20C	25 A / 415 V	19P + E	19 64191	
	Σ of currents (contacts) ≤ 350 A				
	For other contact configurations please consult us.				

Installation accessories

Wall box	Range	/ Type	/ ∠	/ Entry	Part N°
	PN12C	/ Poly	/ 30°	/ M20	01 NA053
	PN12C	/ Poly	/ 30°	/ M25	01 NA053 418
	DN20C	/ Metal	/ 70°	/ M40	87 9A053 420
	DSN24C	/ Poly	/ 30°	/ M25	61 3A083
	DSN24C	/ Poly	/ 70°		51 BA058
	DSN37C	/ Poly	/ 30°	/ M25	61 6A053
	DSN37C	/ Poly	/ 70°		51 CA058
	Other accessories and cable entries on request.				
Inclined sleeve	Range	/ Type	/ ∠	Part N°	
	PN12C	/ Poly	/ 30°	01 NA027	
	PN12C	/ Metal	/ 30°	09 NA027	
	DN20C	/ Metal	/ 70°	87 9A087	
	DSN24C	/ Poly	/ 70°	51 BA757	
	DSN37C	/ Poly	/ 70°	51 CA757	
Handle	Range	/ Type	/ ∠	/ Entry	Part N°
	PN12C	/ Poly	/ straight	/ 9–18 mm	01 NA013
	DN20C	/ Poly	/ straight	/ 25–35 mm	65 9A013 D35
	DSN24C	/ Poly	/ straight	/ 5–21 mm	61 3A013
	DSN37C	/ Poly	/ straight	/ 10–30 mm	61 6A473



PN12C



DSN24C/37C



DN20C

- 7 contacts
- Versions with additional auxiliary contacts
- Comply with IEC/EN 60309-1 and 60309-4 standards
- Silver-nickel butt contacts - not affected by oxidation
- Protection degree IP54 for DN and DS (IP67 as an option)
- IP66/IP67 for PN
- EMC versions on request



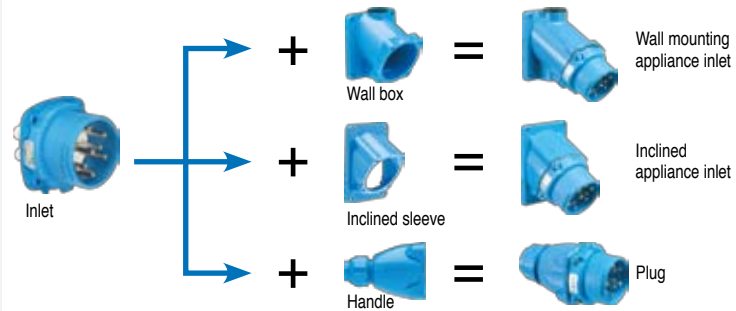
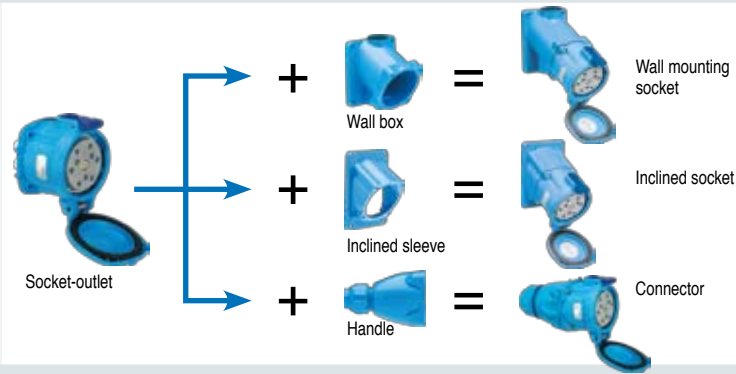
Star Delta plugs & socket-outlets

16 A – 150 A
Up to 500 V AC
IP54 – IP67

Basic components

Socket-outlet	Range	A / V	Contacts	Part N°
	Poly:			
	PN7C	16 A / 500 V	6P + E	01 P4061
	DS7C3	32–50 A / 400 V	6P + E	31 34761
	DS7C3	32–50 A / 400 V	6P + E + 2 aux.	31 34761 262
	DS7C3	32–50 A / 400 V	6P + E + 3 aux.	31 34761 263
	Metal:			
	PN7C	16 A / 400 V	6P + E	09 P4061
	DN9C	30 A / 415 V	6P + E	19 14061
	DN9C	30 A / 415 V	6P + E + 2 aux.	19 14081 312
	DS7C3	32–50 A / 400 V	6P + E	39 34761
	DS7C3	32–50 A / 400 V	6P + E + 2 aux.	39 34761 262
	DS7C3	32–50 A / 400 V	6P + E + 3 aux.	39 34761 263
	DN7C6	90 A / 415 V	6P + E	19 64061
	DS7C9	125–150 A / 500 V	6P + E	39 94061
DS7C9	125–150 A / 500 V	6P + E + 2 aux.	39 94061 172	

Inlet	Range	A / V	Contacts	Part N°
	Poly:			
	PN7C	16 A / 500 V	6P + E	01 P8061
	DS7C3	32–50 A / 400 V	6P + E	31 38761
	DS7C3	32–50 A / 400 V	6P + E + 2 aux.	31 38761 262
	DS7C3	32–50 A / 400 V	6P + E + 3 aux.	31 38761 263
	Metal:			
	PN7C	16 A / 400 V	6P + E	09 P8061
	DN9C	30 A / 415 V	6P + E	19 18061
	DN9C	30 A / 415 V	6P + E + 2 aux.	19 18081 312
	DS7C3	32–50 A / 400 V	6P + E	39 38761
	DS7C3	32–50 A / 400 V	6P + E + 2 aux.	39 38761 262
	DS7C3	32–50 A / 400 V	6P + E + 3 aux.	39 38761 263
	DN7C6	90 A / 415 V	6P + E	19 68061
	DS7C9	125–150 A / 500 V	6P + E	39 98061
DS7C9	125–150 A / 500 V	6P + E + 2 aux.	39 98061 172	



Installation accessories

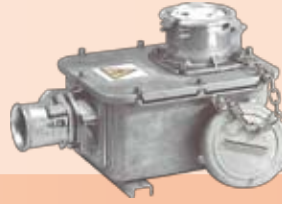
Wall box														
Range	/ Type	/ ∠	/ Entry	Part N°	Range	/ Type	/ ∠	/ Entry	Part N°	Range	/ Type	/ ∠	/ Entry	Part N°
PN7C	/ Poly	/ straight	/ M20	01 NA055	DN9C	/ Metal	/ 20°	/ M20	19 1A053	DS7C3	/ Poly	/ 30°	/ M40	31 6A053
PN7C	/ Poly	/ straight	/ M25	01 NA055 418	DN9C	/ Metal	/ 70°	/ M25	87 3A053	DS7C3	/ Metal	/ 20°	/ M40	39 6A053
PN7C	/ Metal	/ straight	/ M20	09 NA055	DN9C	/ Metal	/ 70°	/ M32	87 3A053 419	DS7C3	/ Metal	/ 20°	/ M40	39 6A053
PN7C	/ Metal	/ straight	/ M25	09 NA055 418	DN7C6	/ Metal	/ 20°	/ M40	19 6A053	DS7C9	/ Metal	/ 60°	/ M63	39 2A053 63M
					DN7C6	/ Metal	/ 70°	/ M50	87 9A053	DS7C9	/ Metal	/ 60°	/ 2,5Z	39 2A023 506
Inclined sleeve														
Range	/ Type	/ ∠		Part N°	Range	/ Type	/ ∠		Part N°	Range	/ Type	/ ∠		Part N°
PN7C	/ Poly	/ 30°		01 NA027	DN9C	/ Metal	/ 30°		19 1A027	DS7C3	/ Poly	/ 30°		31 6A027
PN7C	/ Metal	/ 30°		09 NA027	DN9C	/ Metal	/ 70°		87 3A087	DS7C3	/ Metal	/ 30°		39 6A027
					DN7C6	/ Metal	/ 30°		19 6A027	DS7C3	/ Metal	/ 70°		87 6A087
					DN7C6	/ Metal	/ 70°		87 9A087	DS7C9	/ Metal	/ 60°		39 2A027
Handle														
Range	/ Type	/ Entry		Part N°	Range	/ Type	/ Entry		Part N°	Range	/ Type	/ Entry		Part N°
PN7C	/ Poly	/ 9–18 mm		01 NA013	DN9C	/ Poly	/ 10–30 mm		19 1A013	DS7C3	/ Poly	/ 13–35 mm		31 6A013
PN7C	/ Poly	/ M25		01 NA253 25P	DN7C6	/ Poly	/ 18–49 mm		65 9A013 D...	DS7C9	/ Neoprene	/ 34–58 mm		39 2A013
PN7C	/ Metal	/ M25		09 NA953 25M						DS7C9	/ Metal	/ 40–54 mm		39 2A915

	Max. current	Max. voltage		Max. number of contacts		Max. conductor cross-section in mm ²		
		Poly	Metal	power	auxiliaries	flexible	stranded	auxiliaries
PN7C	16 A	500 V	415 V	7	–	4	6	–
DN9C	30 A	–	415 V	7	2	6	6	6
DS7C3	50 A	500 V	500 V	7	3	10	16	6
DN7C6	90 A	–	415 V	7	–	25	35	–
DS7C9	150 A	–	500 V	7	2	50	70	1,5

Other currents / voltages on request.

PF High current connectors

- Plugs and sockets for high currents, mechanical and electrical interlocking
- Compulsory electrical interlocking (no on-load disconnection)
- Heavy duty casing (IK10)
- 4 - 8 auxiliary contacts
- Silver-nickel butt-contacts – not affected by oxidation
- Use lugs (M14) to connect the inlet terminals
- Particularly suitable for use in harsh environments, such as marine, construction and steel industries, tunnelling, ...

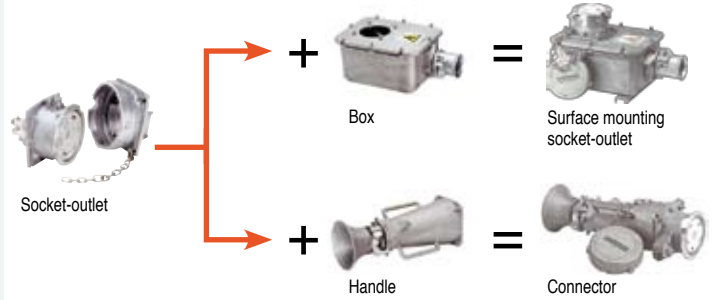


315 A – 600 A
Up to 1000 V
IP66/IP67

Basic components

Socket-outlet	A / V	Contacts	Part N°
	PF Quadra:		
	315 A / 400 V	3P + E + 8 aux.	47 34013
	315 A / 400 V	3P + N + E + 8 aux.	47 34017
	400 A / 400 V	3P + E + 8 aux.	47 44013
	400 A / 400 V	3P + N + E + 8 aux.	47 44017
	PF Classic:		
	400 A / 400 V	3P + E + 4 aux.	49 44013
	400 A / 400 V	3P + N + E + 4 aux.	49 44017
	400 A / 1000 V	3P + E + 4 aux.	49 44243
	400 A / 1000 V	3P + N + E + 4 aux.	49 44247
	600 A / 400 V	3P + E + 4 aux.	49 64013
	600 A / 400 V	3P + N + E + 4 aux.	49 64017
	600 A / 1000 V	3P + E + 4 aux.	49 64223
	600 A / 1000 V	3P + N + E + 4 aux.	49 64227

Inlet	A / V	Contacts	Part N°
	PF Quadra:		
	315 A / 400 V	3P + E + 8 aux.	47 38013
	315 A / 400 V	3P + N + E + 8 aux.	47 38017
	400 A / 400 V	3P + E + 8 aux.	47 48013
	400 A / 400 V	3P + N + E + 8 aux.	47 48017
	PF Classic:		
	400 A / 400 V	3P + E + 4 aux.	49 48013
	400 A / 400 V	3P + N + E + 4 aux.	49 48017
	400 A / 1000 V	3P + E + 4 aux.	49 48243
	400 A / 1000 V	3P + N + E + 4 aux.	49 48247
	600 A / 400 V	3P + E + 4 aux.	49 68013
	600 A / 400 V	3P + N + E + 4 aux.	49 68017
	600 A / 1000 V	3P + E + 4 aux.	49 68223
	600 A / 1000 V	3P + N + E + 4 aux.	49 68227



Installation accessories

Box, wiring from 95 to 150 mm ²			Box, wiring from 150 to 240 mm ²		
Image	Size	Part N°	Image	Size	Part N°
	for PF Quadra 315 A for PF Quadra 400 A for PF Classic 400 A for PF Classic 600 A	47 3A023 95X(*) 47 4A023 95X(*) 49 4A023 95X(*) 49 6A023 95X(*)		for PF Quadra 315 A for PF Quadra 400 A for PF Classic 400 A for PF Classic 600 A	47 3A023 24X(*) 47 4A023 24X(*) 49 4A023 24X(*) 49 6A023 24X(*)

(*) Replace X with the appropriate suffix number that represents the cable overall diameter of your choice:
 46–50 mm → X=1 61–65 mm → X=4 76–80 mm → X=7
 51–55 mm → X=2 66–70 mm → X=5 81–85 mm → X=8
 56–60 mm → X=3 71–75 mm → X=6 86–90 mm → X=9

Straight handle		Angled handle 90°	
Image	Size	Image	Size
	for PF Quadra 315 A for PF Quadra 400 A for PF Classic 400 A for PF Classic 600 A		for PF Quadra 315 A for PF Quadra 400 A for PF Classic 400 A for PF Classic 600 A
	47 3A013 XX(*) 47 4A013 XX(*) 49 4A013 XX(*) 49 6A013 XX(*)		47 3A913 XX(*) 47 4A913 XX(*) 49 4A913 XX(*) 49 6A913 XX(*)

(*) Replace XX with the appropriate suffix number that represents the cable overall diameter of your choice:
 46–50 mm → XX=50 61–65 mm → XX=65 76–80 mm → XX=80
 51–55 mm → XX=55 66–70 mm → XX=70 81–85 mm → XX=85
 56–60 mm → XX=60 71–75 mm → XX=75 86–90 mm → XX=90

- Explosion-proof plugs & sockets with an integral switching device
- IEC/EN 60309-1 and 60309-4
- Very compact design
- Casings made of highly resistant poly material (IKo8)
- Silver-nickel butt contacts – not affected by oxidation
- Zone 1 & 2, 21 & 22, “de” protection mode
- ATEX 94/9/EC and IEC Ex
- IEC 60079-0/-1/-7, IEC 61241-0/-1
- DX decontactors (metal casings) from 16 to 200 A on request

DXN Decontactors



16 A – 63 A
Up to 750 V
IP66/IP67



Basic components

Socket-outlet	A / V	Contacts	Part N°						
	16–20 A / 230 V	1P + N + E	25 14015		+		=		Wall mounting socket
	16–20 A / 400 V	3P + E	25 14013						
	16–20 A / 400 V	3P + N + E	25 14017						
	32 A / 230 V	1P + N + E	25 34015						
	32 A / 400 V	3P + E	25 34013						
	32 A / 400 V	3P + N + E	25 34017						
	32 A / 400 V	3P + N + E + 2 aux.	25 34017 972						
	63 A / 230 V	1P + N + E	25 64015						
	63 A / 400 V	3P + E	25 64013						
	63 A / 400 V	3P + N + E	25 64017						
63 A / 400 V	3P + N + E + 2 aux.	25 64017 972							
For additional voltages (up to 750 V), other contact configurations or options, please consult us.									

Inlet	A / V	Contacts	Part N°						
	16–20 A / 230 V	1P + N + E	25 18015		+		=		Wall mounting appliance inlet
	16–20 A / 400 V	3P + E	25 18013						
	16–20 A / 400 V	3P + N + E	25 18017						
	32 A / 230 V	1P + N + E	25 38015						
	32 A / 400 V	3P + E	25 38013						
	32 A / 400 V	3P + N + E	25 38017						
	32 A / 400 V	3P + N + E + 2 aux.	25 38017 972						
	63 A / 230 V	1P + N + E	25 68015						
	63 A / 400 V	3P + E	25 68013						
	63 A / 400 V	3P + N + E	25 68017						
63 A / 400 V	3P + N + E + 2 aux.	25 68017 972							
For additional voltages (up to 750 V), other contact configurations or options, please consult us.									

Installation accessories

Wall box 30°, poly	Size	/ Entry	Part N°	Modular wall box 70°, poly	Size	/ Entry	Part N°
	for 16–20 A	/ M20	25 1AB53		for 16–20 A	/ M20	25 1AB58
	for 32 A	/ M25	25 3AB53 25P		for 32 A	/ M25	25 3AB58
	for 63 A	/ M25	25 6AB53		for 63 A	/ M32	25 6AB58
Inclined sleeve 30°, poly	Size		Part N°	Modular inclined sleeve 70°, poly	Size		Part N°
	for 16–20 A		25 1A027		for 16–20 A		25 1A757
	for 32 A		25 3A027		for 32 A		25 3A757
	for 63 A		25 6A027		for 63 A		25 6A757
Handle, poly	Size	/ Entry	Part N°				
	for 16–20 A	/ M20	25 1A753				
	for 16–20 A	/ M25	25 1A253 25P				
	for 32 A	/ M25	25 3A783				
	for 63 A	/ M32	25 6A253 32P				

Rated Voltage

	400 V	500 V	690 V	Max. conductor cross-section in mm ²		
				flexible	stranded	auxiliaries
DXN1	20 A	20 A	–	4	6	–
DXN3	32 A	32 A	32 A	10	16	–
DXN3 + 2 auxiliaries	32 A	32 A	–	10	16	2,5
DXN6	63 A	63 A	63 A	16	25	–
DXN6 + 2 auxiliaries	63 A	63 A	–	16	25	2,5

- Explosion-proof multicontact connector
- Number of contacts: 11P + E
- Corrosion and IK09 shock resistant metal casings
- No connection / disconnection when energized
- Mechanical locking device
- Silver-nickel butt contacts – not affected by oxidation
- Zone 1 & 2, 21 & 22, enhanced safety „e“
- ATEX 94/9/EC and IEC Ex
- IEC 60079-0/-7, IEC 61241-0/-1

PXN



PXN 12C

Up to 10 A
Up to 220 V AC
IP65/IP66



Product configurations

Wall mounting socket						Wall mounting appliance inlet							
A / V	/ Contacts	/ Entry	/ Ø mm	Part N°		A / V	/ Contacts	/ Entry	/ Ø mm	Part N°			
	10 A / 220 V	/ 11P + E	/ M32	/ 12–21	06 M0111		10 A / 220 V	/ 11P + E	/ M32	/ 12–21	06 M6111		
	10 A / 220 V	/ 11P + E	/ M25	/ 9–16	06 M0111 25M		10 A / 220 V	/ 11P + E	/ M25	/ 9–16	06 M6111 25M		
Inclined socket						Inclined appliance inlet							
A / V	/ Contacts				Part N°	A / V	/ Contacts				Part N°		
	10 A / 220 V	/ 11P + E				06 M7111		10 A / 220 V	/ 11P + E				06 M9111
Connector						Plug							
A / V	/ Contacts	/ Entry	/ Ø mm	Part N°		A / V	/ Contacts	/ Entry	/ Ø mm	Part N°			
	10 A / 220 V	/ 11P + E	/ M32	/ 12–21	06 M3111		10 A / 220 V	/ 11P + E	/ M32	/ 12–21	06 M1111		
	10 A / 220 V	/ 11P + E	/ M25	/ 9–16	06 M3111 25M		10 A / 220 V	/ 11P + E	/ M25	/ 9–16	06 M1111 25M		

- Explosion-proof multicontact connector
- Number of contacts: up to 36P + E
- Corrosion and IK09 shock resistant metal casings
- No connection / disconnection when energized
- Mechanical locking device
- Silver-nickel butt contacts – not affected by oxidation
- Zone 1 & 2, 21 & 22, enhanced safety “e”
- ATEX 94/9/EC and IEC Ex
- IEC 60079-0/-7, IEC 61241-0/-1

DXN



DXN 25C/37C

Up to 10 A
Up to 440 V AC
IP66/IP67



Product configurations

Wall mounting socket						Wall mounting appliance inlet							
A / V	/ Contacts	/ Entry	/ Ø mm	Part N°		A / V	/ Contacts	/ Entry	/ Ø mm	Part N°			
	10 A / 440 V	/ 10P + E	/ M32	/ 12–21	36 N0101 942 32M		10 A / 440 V	/ 10P + E	/ M32	/ 12–21	36 N6101 942 32M		
	10 A / 440 V	/ 16P + E	/ M32	/ 12–21	36 N0161 941 32M		10 A / 440 V	/ 16P + E	/ M32	/ 12–21	36 N6161 941 32M		
	10 A / 440 V	/ 24P + E	/ M32	/ 12–21	36 N0241 32M		10 A / 440 V	/ 24P + E	/ M32	/ 12–21	36 N6241 32M		
	10 A / 220 V	/ 36P + E	/ M40	/ 16–27	36 M0361		10 A / 220 V	/ 36P + E	/ M40	/ 16–27	36 M6361		
	10 A / 220 V	/ 36P + E	/ M32	/ 12–21	36 M0361 32M		10 A / 220 V	/ 36P + E	/ M32	/ 12–21	36 M6361 32M		
Inclined socket						Inclined appliance inlet							
A / V	/ Contacts				Part N°	A / V	/ Contacts				Part N°		
	10 A / 440 V	/ 10P + E				36 N7101 942		10 A / 440 V	/ 10P + E				36 N9101 942
	10 A / 440 V	/ 16P + E				36 N7161 941		10 A / 440 V	/ 16P + E				36 N9161 941
	10 A / 440 V	/ 24P + E				36 N7241		10 A / 440 V	/ 24P + E				36 N9241
	10 A / 220 V	/ 36P + E				36 M7361		10 A / 220 V	/ 36P + E				36 M9361
Connector						Plug							
A / V	/ Contacts	/ Entry	/ Ø mm	Part N°		A / V	/ Contacts	/ Entry	/ Ø mm	Part N°			
	10 A / 440 V	/ 10P + E	/ M32	/ 12–21	36 N3101 942 32M		10 A / 440 V	/ 10P + E	/ M32	/ 12–21	36 N1101 942 32M		
	10 A / 440 V	/ 16P + E	/ M32	/ 12–21	36 N3161 941 32M		10 A / 440 V	/ 16P + E	/ M32	/ 12–21	36 N1161 941 32M		
	10 A / 440 V	/ 24P + E	/ M32	/ 12–21	36 N3241 32M		10 A / 440 V	/ 24P + E	/ M32	/ 12–21	36 N1241 32M		
	10 A / 220 V	/ 36P + E	/ M40	/ 16–27	36 M3361		10 A / 220 V	/ 36P + E	/ M40	/ 16–27	36 M1361		
	10 A / 220 V	/ 36P + E	/ M32	/ 12–21	36 M3361 32M		10 A / 220 V	/ 36P + E	/ M32	/ 12–21	36 M1361 32M		

- Single pole power connector up to 700 A
- Mechanical and electrical interlocking
- Active parts protected
- Mechanical keying system with 5 different positions (L1, L2, L3, N and E)
- Visual identification by standard colour codes
- IKo8 shock resistant GRP casings
- Silver-nickel butt contacts – not affected by oxidation
- 50 - 400 mm² conductors
- Pilot circuit: max. 6 A / 250 V, 1.5 - 4 mm² conductors
- Single pole power connector “CS1000” 400 A / 1000 V on request

Single pole power connector

Up to 700 A
Up to 1000 V AC / 1500 V DC
IP66/IP67



Socket-outlet (without lug)

Part N°



L1	4544 001
L2	4544 002
L3	4544 003
N	4544 00N
E	4544 00T
+	4544 00P
-	4544 00M

Visual identification according to the European colour code.

Inlet (without lug)

Part N°



L1	4548 001
L2	4548 002
L3	4548 003
N	4548 00N
E	4548 00T
+	4548 00P
-	4548 00M

Visual identification according to the European colour code.

Inclined sleeve

Part N°



120 mm² and more: use an inclined sleeve to minimise the impact of the weight of the cable.

Crimping lug *

Cross-section (mm²) flexible



50
70
95
120
150
185
240
300
400

Straight with terminal Part N°

454 A50 CV	454 A50 DV
454 A70 CV	454 A70 DV
454 A95 CV	454 A95 DV
454 A12 CV	454 A12 DV
454 A15 CV	454 A15 DV
454 A18 CV	454 A18 DV
454 A24 CV	454 A24 DV
454 A30 CV	454 A30 DV
454 A40 CV	454 A40 DV

Straight threaded Part N°

454 A50 DV
454 A70 DV
454 A95 DV
454 A12 DV
454 A15 DV
454 A18 DV
454 A24 DV
454 A30 DV
454 A40 DV

Handle

Cross-section (mm²) / Ø

Part N°



50 to 240	/ 17–38 mm
300 to 400	/ 35–48 mm

454 A753
454 A783

* Select the threaded version when using a handle.
The cross-sections mentioned in the above table are for information only.
Dimensions may vary according to cables and manufacturers.

- Explosion-proof single pole power connector up to 680 A
- Mechanical and electrical interlocking with an integrated micro-switch
- Mechanical keying system with 5 different positions (L1, L2, L3, N and E)
- Visual identification by standard colour codes
- IKo8 shock resistant GRP casings
- 50 - 400 mm² conductors
- Pilot circuit: max. 6 A / 220 V, 1.5 - 4 mm² conductors
- Zone 1 & 2, 21 & 22, enhanced safety “e”
- ATEX 94/9/EC and IEC Ex
- IEC 60079-0/-7, IEC 61241-0/-1

SPeX Single pole power connector



Up to 680 A
Up to 1000 V AC / 1500 V DC
IP65/IP66



Inclined socket

Part N°



L1	4647 001
L2	4647 002
L3	4647 003
N	4647 00N
E	4647 00T
+	4647 00P
-	4647 00M

Visual identification according to the European colour code.

Plug

18–25 mm Part N°

24–34 mm Part N°

34–42 mm Part N°

40–48 mm Part N°



L1	4641 001 32P	4641 001 40P	4641 001 50P	4641 001 63P
L2	4641 002 32P	4641 002 40P	4641 002 50P	4641 002 63P
L3	4641 003 32P	4641 003 40P	4641 003 50P	4641 003 63P
N	4641 00N 32P	4641 00N 40P	4641 00N 50P	4641 00N 63P
E	4641 00T 32P	4641 00T 40P	4641 00T 50P	4641 00T 63P
+	4641 00P 32P	4641 00P 40P	4641 00P 50P	4641 00P 63P
-	4641 00M 32P	4641 00M 40P	4641 00M 50P	4641 00M 63P

Visual identification according to the European colour code.

Crimping lug *

Cross-section (mm²) flexible

Straight with terminal Part N°

Straight threaded Part N°

Current (A)

Current (A)

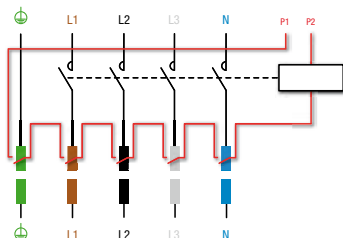


70	454 A70 CV	454 A70 DV	290	235
95	454 A95 CV	454 A95 DV	415	335
120	454 A12 CV	454 A12 DV	456	376
150	454 A15 CV	454 A15 DV	493	415
185	454 A18 CV	454 A18 DV	530	450
240	454 A24 CV	454 A24 DV	570	497
300	454 A30 CV	454 A30 DV	620	540
400	454 A40 CV	454 A40 DV	680	600

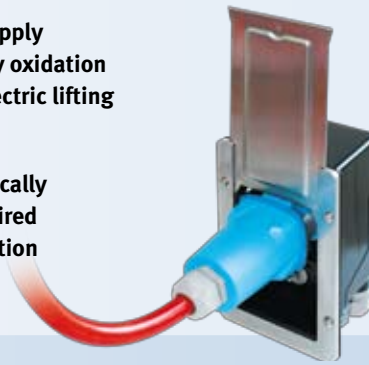
* Select the threaded version when ordering a plug.
The cross-sections mentioned in the above table are for information only.
Dimensions may vary according to cables and manufacturers.

Electrical interlocking is achieved by an integrated micro-switch which provides enhanced safety by allowing the regulation of power supply on connection / disconnection.

To guarantee a safe connection and disconnection in hazardous areas in compliance with ATEX, electrical interlocking with a contactor is compulsory.



- **Rettbox®: power supply**
- **Rettbox®-air: power and compressed air supply**
- **Silver-nickel butt contacts – not affected by oxidation**
- **Automatic ejection brought about by an electric lifting magnet 12 V / 24 V**
- **Loading box with protective insulation**
- **Sliding lid and socket cover close automatically**
- **Compact design, the unit is supplied pre-wired**
- **2 to 6 contacts, auxiliary contacts as an option**
- **Load control light as an option**

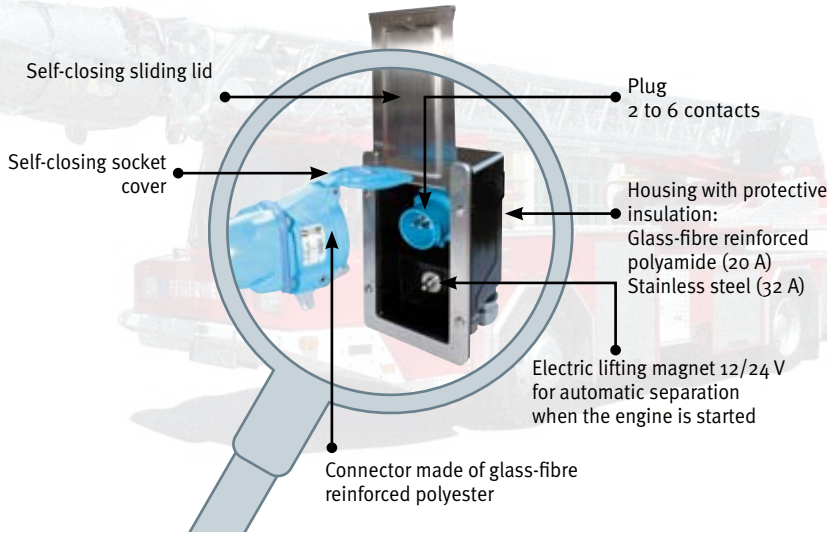


Rettbox®/Rettbox®-air

for rescue and fire brigade vehicles

Automatic ejection of the connector upon start-up of the vehicle

20 A / 32 A



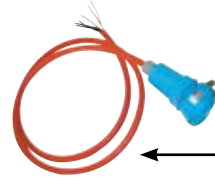
Automatic ejection of the connector when the vehicle is started up

Power
or
Power and compressed air

Rettbox®



Rettbox®-air



Compressed air

Power and compressed air in one supply line



Rettbox®

	Power Supply A – V	Lifting magnet V	Contacts	Part N°
Loading Box pre-wired 	20 A – 12 V	12 V	+/-	61 16059 RKX 12U (*)
	20 A – 24 V	24 V	+/-	61 16089 RKX 24U (*)
	20 A – 230 V	12 V	1P + N + E	61 16015 RKX 12U (*)
	20 A – 230 V	24 V	1P + N + E	61 16015 RKX 24U (*)
	20 A – 230 V	12 V	1P + N + E + 2 aux.	61 16175 RKX 12U (*)
	20 A – 230 V	24 V	1P + N + E + 2 aux.	61 16175 RKX 24U (*)
	20 A – 400 V	12 V	3P + N + E	61 16017 RKX 12U (*)
	20 A – 400 V	24 V	3P + N + E	61 16017 RKX 24U (*)

(*) Replace X with the appropriate suffix (1-9) that represents the required length of cable (1 m - 9 m).


Connector Rettbox®
pre-wired, cable 4 m included



20 A – 12 V	+/-	61 13059 RK4 L (*)
20 A – 24 V	+/-	61 13089 RK4 L (*)
20 A – 230 V	1P + N + E	61 13015 RK4 L (*)
20 A – 230 V	1P + N + E + 2 aux.	61 13175 RK4 L (*)
20 A – 400 V	3P + N + E	61 13017 RK4 L (*)

(*) RK4 = cable 4 m. Replace "4" if another length of cable is required: e.g. RK5 = 5 m

Rettbox®-air

	Power Supply A – V	Lifting magnet V	Contacts	Compressed air	Part N°
Loading Box pre-wired (power and compressed air) 	20 A – 12 V	12 V	+/-	13 bar	61 16059 AKX 12U (*)
	20 A – 24 V	24 V	+/-	13 bar	61 16089 AKX 24U (*)
	20 A – 230 V	12 V	1P + N + E	13 bar	61 16015 AKX 12U (*)
	20 A – 230 V	24 V	1P + N + E	13 bar	61 16015 AKX 24U (*)
	32 A – 230 V	24 V	1P + N + E + 3 aux.	13 bar	38 16187 AKX 24U (*)
	32 A – 400 V	24 V	3P + N + E + 1 aux.	13 bar	38 16247 AKX 24U (*)

(*) Replace X with the appropriate suffix (1-9) that represents the required length of cable (1 m - 9 m).

Connector Rettbox®-air
supply line 4 m included,
power and compressed air
in one cable



20 A – 12 V	+/-	13 bar	61 13059 AK4 L (*)
20 A – 24 V	+/-	13 bar	61 13089 AK4 L (*)
20 A – 230 V	1P + N + E	13 bar	61 13015 AK4 L (*)
32 A – 230 V	1P + N + E + 3 aux.	13 bar	38 13187 AK4 L (*)
32 A – 400 V	3P + N + E + 1 aux.	13 bar	38 13247 AK4 L (*)

(*) AK4 = cable 4 m. Replace "4" if another length of cable is required: e.g. AK5 = 5 m

Ceiling suspension device
made of stainless steel



with cable gland for Rettbox® 20 A
with cable gland for Rettbox®-air 20 A
with cable gland for Rettbox®-air 32 A

Part N°

61 1AHUT RRR L
61 1AHUT AAA L
38 1AHUT AAA L

Dimensions

	Rettbox®/Rettbox®-air 20 A	Rettbox®-air 32 A
Installation dimensions:	83 x 163 x 94 mm (W x H x D)	103 x 173 x 145 mm (W x H x D)
Outer frame:	107 x 180 mm (W x H)	123 x 188 mm (W x H)
Height with lid slid out:	318 mm	357 mm
Weight without connector:	1200 g	3200 g



innovativ – sicher – verbinden



ISV Industrie Steck-Vorrichtungen GmbH
Im Lossenfeld 8 · D-77731 Willstätt-Sand · Germany
Tel. +49 (0)7852 9196-0 · Fax +49 (0)7852 9196-19
E-Mail: info@isv.de · Internet: www.isv.de

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