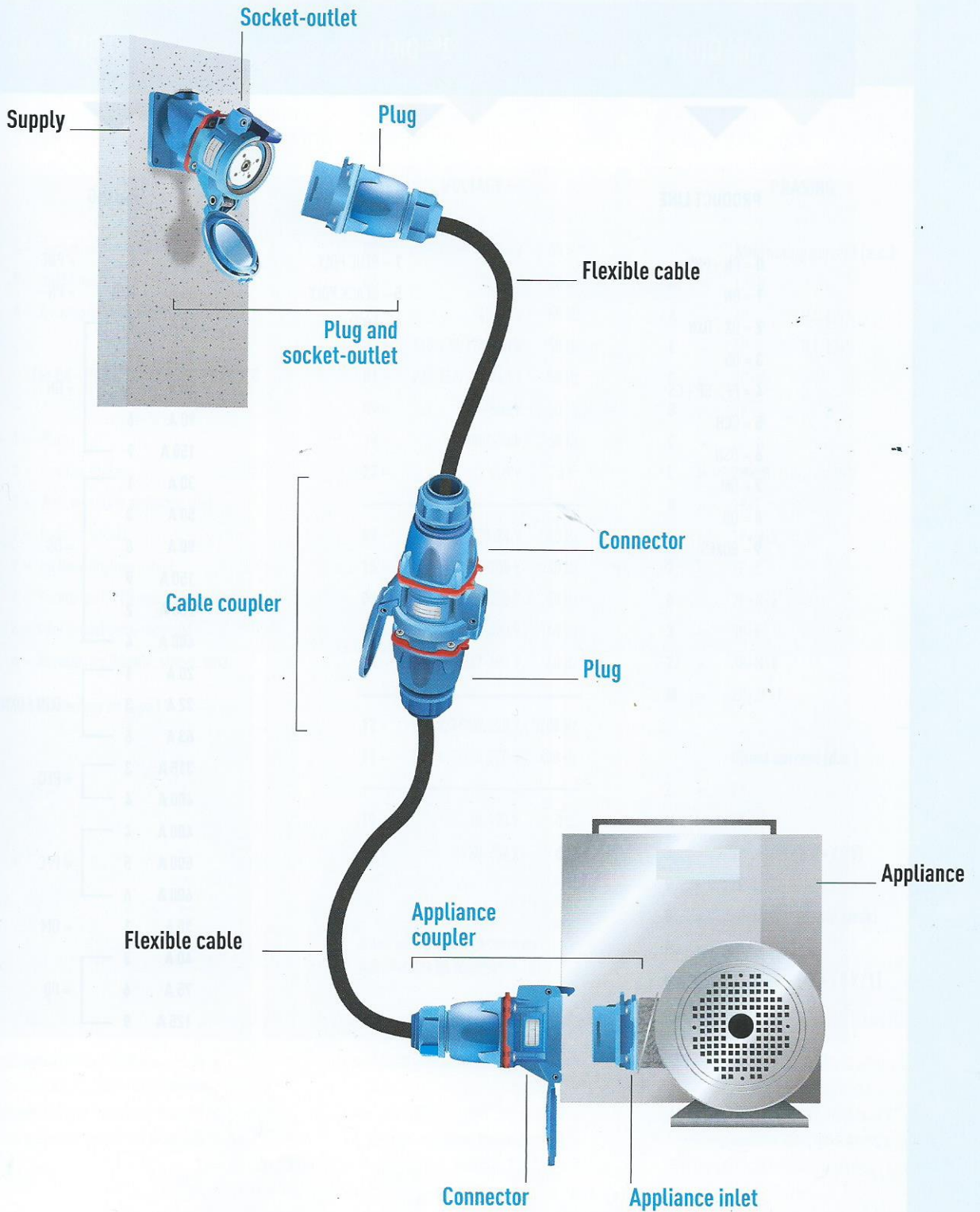


INDUSTRIAL PLUGS & SOCKET-OUTLETS DECONTACTOR™ & BOXES

EXPLOSION-PROOF PLUGS & SOCKETS MULTICONTACT CONNECTORS HIGH CURRENT PLUGS & SOCKETS HIGH TEMPERATURE



TERMINOLOGY



COMPLEMENTARY STANDARDS

DSN

COMPACT AND WATERTIGHT DECONTACTOR™ 20 A / 32 A / 63 A

- ▶ AUTOMATIC IP66/IP67 WATER- AND DUST-TIGHT SEALING
- ▶ AC-22 AND AC-23 BREAKING CAPACITY
- ▶ IMPACT-RESISTANT GRP CASING

With sizes from 20 to 63 A, DSN decontactors are highly compact: a 63 A plug is only 83 mm in diameter. Once connected, the plug and socket is automatically IP66/IP67, the socket-outlet is also IP66/IP67 when the lid is closed.

■ IP66/IP67 WATER- AND DUST-TIGHT

The sealing IP66/IP67 (water jet and temporary immersion) is provided automatically without additional operation. The DSN is the ideal product for the food industry.



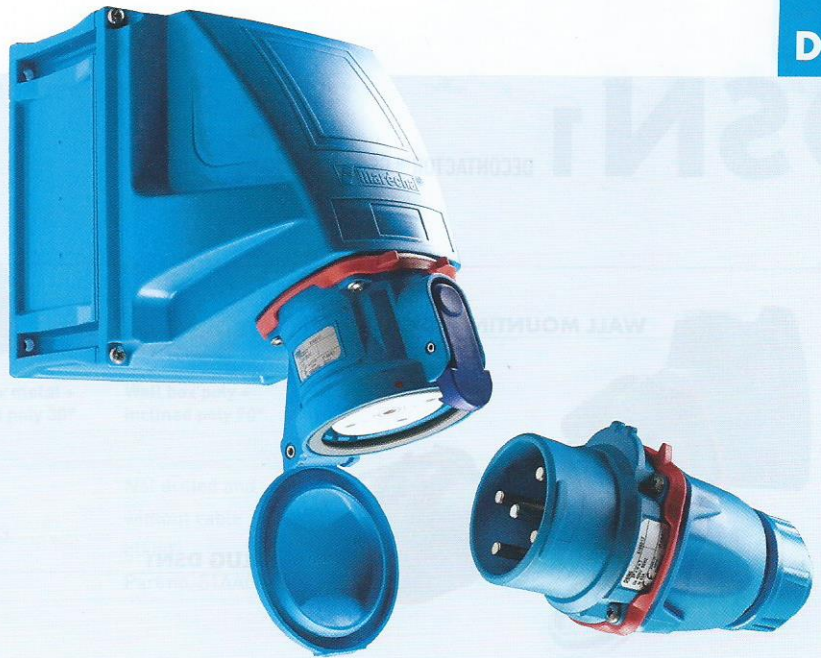
■ MOUNTING: SWITCH SHOULD BE ON THE UPPER SIDE!

The decontactor is a socket-outlet with integral switching. It does not need to be interlocked with a switch. The switch button is highlit for easier identification. When installing the socket-outlet, ensure the switch button is positioned upwards.



SPECIFICATION

Plug and socket-outlet with incorporated breaking capacity AC-22 / AC-23, IP66/IP67 without additional operation, safety shutter (socket IP4X/IPXXD) silver-nickel butt contacts and metallic braid, comply with BECMA international standard.



TECHNICAL FEATURES

Plugs and sockets with integral load-break switching capability complying with IEC EN 60309-1 and IEC EN 60309-4 standards

	DSN1	DSN3	DSN6
Rated current (In)	20 A	32 A	63 A
U _{max}	500 V	690 V	1 000 V
AC-22 switching capability	20 A / 500 V	32 A / 690 V	50 A / 690 V
AC-23 switching capability	20 A / 400 V	32 A / 400 V	63 A / 400 V
Auxiliary contacts (optional)	-	2	4
Keying positions ⁽¹⁾		24 for all DSN	
Ambient temperature		-40 °C to +60 °C for all DSN	
Short-circuit current I _{cc}		10 kA for all DSN	

⁽¹⁾ To distinguish between different power supplies and applications

STANDARDS ASPECTS

DSN decontactors comply with:

- IEC EN 60309-1 & IEC EN 60309-4 European and International standards (plugs and socket-outlets for industrial purposes),
- The European Low Voltage Directive 2006/95/CE,
- The European 'Machine Directive' 2006/42/CE regarding equipment isolation,
- The French NF C 15-100 standard,
- The French decree dated 20 December 2011 pertaining to the wiring and operating conditions of movable electrical apparatuses,
- The decrees relating to workers' protection in Belgium, Spain and Italy,
- The switch utilization categories AC-22A and AC-23A described in IEC EN 60947-3.
- The UL 1682 (USA) and CSA C22.2 N° 182.1-07 (Canada) standards for plugs and socket-outlets

Also certified by VERITAS LCIE, UL, AS, VDE, TR CU (GOST) and cCSAus (French, American, Australian, German, Russian and Canadian inspection laboratories), and by BUREAU VERITAS MARINE.

