

WATER & WASTE WATER INDUSTRIES

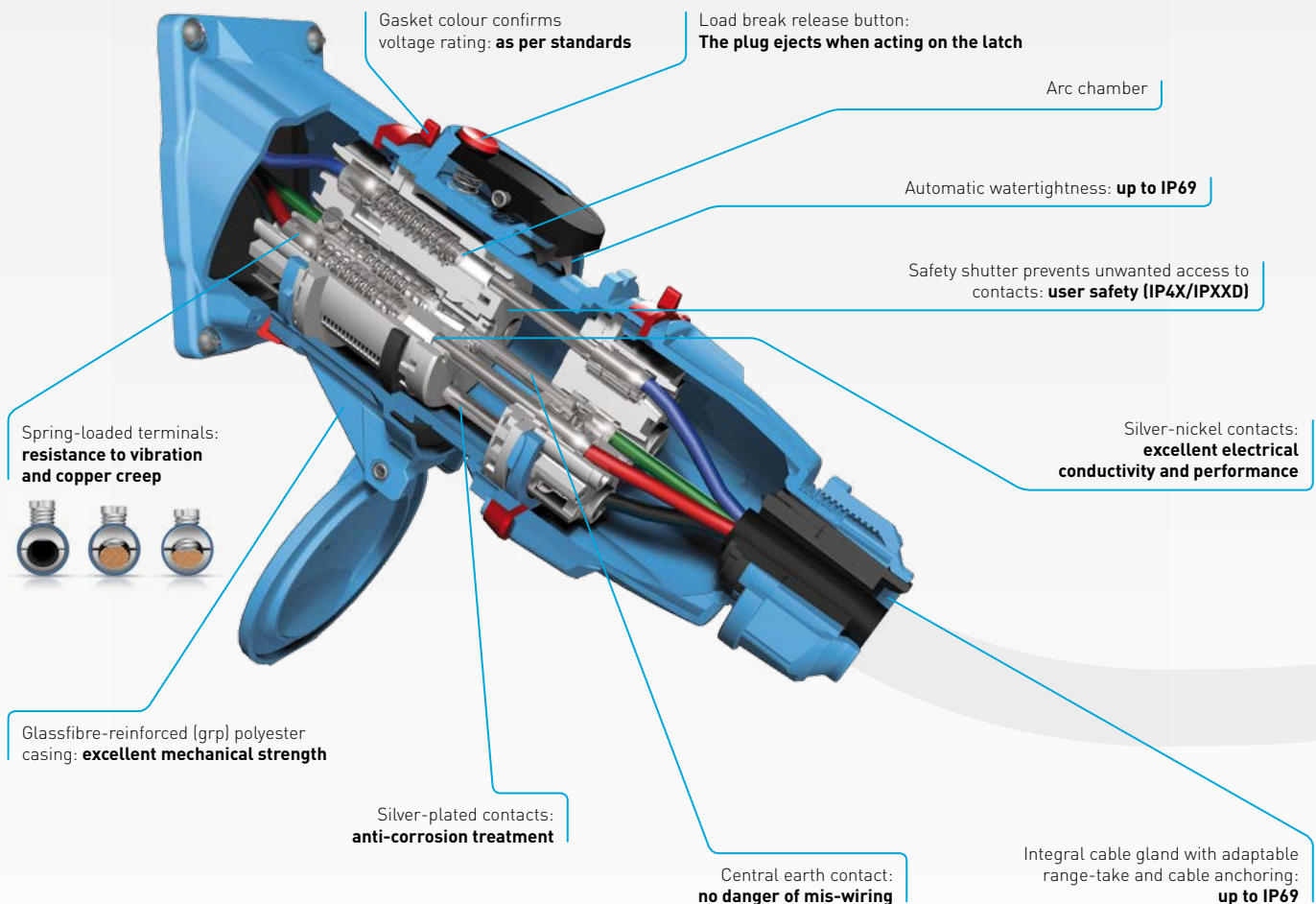


INDUSTRIAL PLUGS & SOCKET-OUTLETS,
DECONTACTOR™ & BOXES

MARECHAL® technology: Faster. Safer. Easier.

MARECHAL ELECTRIC offers a range of products suited to your applications.

The MARECHAL® industrial electrical power socket has a built-in switching function called DECONTACTOR™. This technology makes it possible to connect and disconnect motors in absolute safety, with the ease of "Plug & Play". MARECHAL® industrial electrical power sockets provide unequalled strength over time and guarantee fast and safe operation during maintenance work. They comply with the IEC EN 60309-1 standard and the European Low Voltage Directive.



DECONTACTOR™ technology: tested safety

- A socket with built-in switch in a compact unit
- Simply pressing the button once cuts off the current and eliminates all risk of electrical arcing.
- The plugs then eject automatically and the appliance is off-load.
- The safety of users is guaranteed at all times.

Connection quality and life expectancy

MARECHAL® products are fitted with spring-loaded contacts providing permanent and durable contact. The silver-nickel tips at the end of the contacts provide exceptional connection quality and excellent resistance to wet and corrosive environments, even after years of use.



IP66/IP67 sealing

The reinforced IP66/IP67 watertightness is effective automatically upon connecting the socket or upon closing the lid. It enables the product to be used in extremely wet or dusty environments. Some of our plugs are available up to IP69k for high-pressure cleaning at 100 bar and 80 °C.

Fast and safe connection under any circumstances

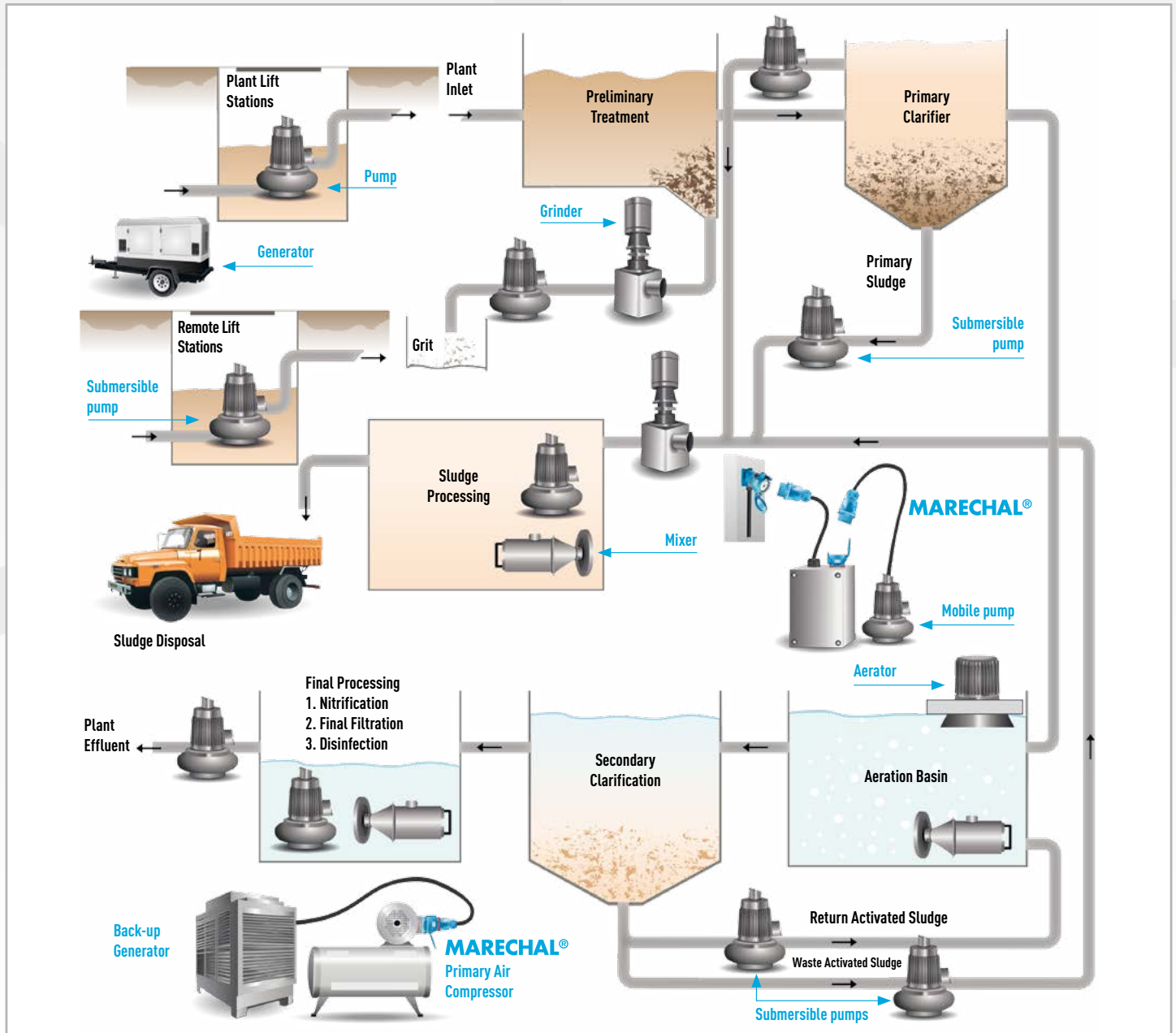


The socket latch holds the plug in the socket against the force of the internal spring. This ensures the plug is watertight and that the appliance will start up properly. When the plug is pulled out the safety shutter in the socket prevents access to the live parts.

Products that meet your needs

DECONTACTOR™ has an AC-22/AC-23 breaking capacity according to switches standard. It can then replace a plug and socket, a switch and a disconnecter. Technicians can thus easily connect and disconnect under load without having to undergo lengthy safety procedures. DECONTACTOR™ plugs are built with high quality materials. Silver-nickel contacts, stainless steel hardware, and chemical resistant housings all help withstand corrosion caused by the hydrogen sulfide gases usually found in wastewater environments.

DECONTACTOR™ are ideal for connecting power to ...



DSN / DS

DECONTACTOR™ From 20 A to 250 A

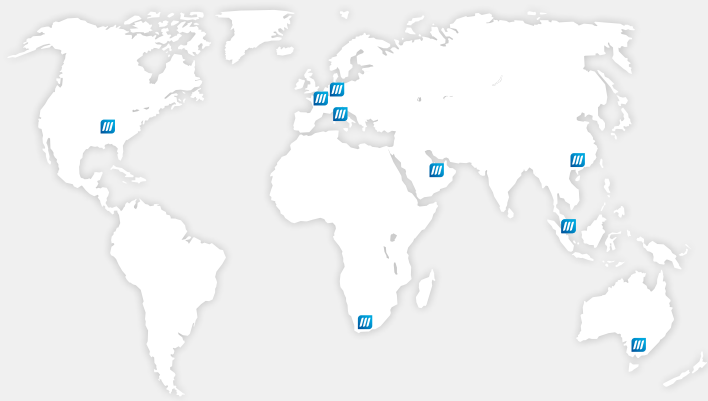
The DSN/DS range spans currents from 20 A to 250 A, making it our largest and most complete DECONTACTOR™ range.. Socket-outlets and connectors are available in GRP or metal and offer a large array of options like keying systems and auxiliary contacts.



STAR-DELTA

7 POLE DECONTACTOR™ & CONNECTORS From 30 to 50 A

Thanks to their silver-nickel tipped contacts, the DECONTACTOR™ plugs are designed to withstand significant and repeated overloads. They are thus especially suited for reliable motor connections even with frequent re-starting.



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A wide range, suitable for all industrial sectors

INDUSTRIAL POWER SUPPLY

DSN - DECONTACTOR™ compact & watertight - from 20 A to 63 A
DS - DECONTACTOR™ for industry - from 30 A to 250 A
DN - Robust DECONTACTOR™ - from 20 A to 90 A
PNC - Compact connector - up to 16 A
PN - Compact connector - up to 30 A
STAR DELTA - 7 pole DECONTACTOR™ & connectors from 30 A to 50 A
DB - Disconnectable motor switch - up to 45 kW

SIGNAL AND CONTROL

PN7C, DN9C, PN12C, DN20C, DSN24C, DSN37C
MULTI-contact connectors up to 37 contacts - from 5 A to 30 A

HIGH CURRENT

PF - Heavy-duty plugs & sockets - up to 600 A /8 aux.
DS4 - High-current connectors - up to 400 A + pilots
CS1000 - Single-pole power connectors - up to 400 A
SP - Single-pole power connectors - up to 700 A + pilots
CS - Single-pole welding connectors - from 75 A to 250 A

HIGH TEMPERATURE

PNHT/DSHT - Power connectors

SELF-EJECTING

MECHANICAL EJECTION PLUGS & SOCKETS
ELECTROMECHANICAL EJECTION BOXES

DISTRIBUTION BOXES AND OTHER PRODUCTS

BM - Modular boxes
BG - Liquefied gas transfer boxes
CD - Socket-outlets with protection
BRP - Portable service boxes
CRIC - Connection terminals
TUNNELS - Boxes and connectors

HAZARDOUS AREAS - Ex products

DXN - DECONTACTOR™ compact & watertight - from 20 A to 63 A
DX - DECONTACTOR™ metal - from 20 A to 200 A
PNCX - Compact connector - up to 10 A
PXN12C, DXN25C, DXN37C - Multi-contact connectors
from 12 to 37 contacts
SPEX - Single-pole power connectors - up to 680 A - 1 000 V
MXBS - Socket boxes - up to 63 A - 750 V
MXBJ - Junction boxes - up to 350 A - 750 V
B2X - Distribution boxes - up to 750 V

