



SOCKET-OUTLETS WITH PROTECTION



THORNE &
DERRICK
INTERNATIONAL

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 **MARECHAL**
ELECTRIC GROUP

SOCKET-OUTLETS WITH PROTECTION

- From 16 to 63 A
- IP66/IP69k water- and dust-tight
- RCD protection
- Inspection window
- 1 or 2 MARECHAL® socket outlets or DECONTACTOR™ sockets
- Range of protection levels available

MAIN FEATURES

Material	Impact-resistant thermoplastic (IK09)
Fastenings	Captive stainless steel screws
Protection mode	IP66/IP69k - IP44 with domestic sockets
Rated current	From 16 to 63 A
Wiring capacity	2 x 1,5 mm ² to 5 x 35 mm ²
Cable entries	M50 max.
Housing dimensions (WxHxD) in mm	345 x 225 x 156
Assembly	10 modules max.

Pre-wired ready for installation.

PART NUMBERS

Type	16 A socket	16 A socket			32 A socket		63 A socket		MARECHAL® DECONTACTOR™ ranges available*	
	24 V	220-250 V	380-440 V	220-250 V 380-440 V	220-250 V	220-250 V 380-440 V	220-250 V	380-440 V		
Box	2P	1P+N+E	3P+E	3P+N+E	1P+N+E	3P+N+E	3P+N+E		DSN Range	DS Range
CD1		1							6114015CD1	3114015CD1
CD2		2							6114015CD2	3114015CD2
CD3				1					6114017CD3	3114017CD3
CD4			1						6114013CD4	3114013CD4
CD5				2					6114017CD5	3114017CD5
CD6	1								611408ACD6	311408ACD6
CD8					1				6134015CD8	3134015CD8
CD9					2				6134015CD9	3134015CD9
CD10						1			6134017CD10	3134017CD10
CD11						2			6134017CD11	3134017CD11
CD12		1				1			6134017CD12	3134017CD12
CD13		1				1			6134017CD13	3134017CD13
CD15							1		6164017CD15	
CD16	1 (PN Range)			1					6114017CD16	3114017CD16

* It is also possible to fit DN range. Contact us for part numbers.

Other configurations on request. Please contact us for part numbers.

CD Enclosures: Safety and Simplicity as standard

Complies with CEI EN 61439-1 and CEI EN 61439-3, this box is composed of two parts fixed on hinges:

- Upper section with pad-lockable window, for **protection** gear,
- Lower section for access to **terminals**.



Protection



Terminals

BOX COMPOSITION

	Main switch with RCD 30mA	Circuit breaker Socket 1	Circuit breaker Socket 2	Terminals	Cable gland mm
Box					
CD1		1x16A 1P+N 30mA		1P+N+E 16mm ²	M25 POLY (9-18)
CD2	1x25A 1P+N	1x16A 1P+N	1x16A 1P+N	1P+N+E 16mm ²	M25 POLY (9-18)
CD3		1x16A 3P+N 30mA		3P+N+E 16mm ²	M25 POLY (9-18)
CD4		1x16A 3P 30mA		3P+E 16mm ²	M25 POLY (9-18)
CD5	1x25A 3P+N	1x16A 3P+N	1x16A 3P+N	3P+N+E 16mm ²	M25 POLY (9-18)
CD6*		+ 2 fuses 6A Gg		1P+N+E 16mm ²	M25 POLY (9-18)
CD8		1x32A 1P+N 30mA		1P+N+E 16mm ²	M32 POLY (14-25)
CD9	1x40A 1P+N	1x32A 1P+N	1x32A 1P+N	3P+N+E 16mm ²	M32 POLY (14-25)
CD10		1x32A 3P+N 30mA		3P+N+E 16mm ²	M32 POLY (14-25)
CD11	1x40A 3P+N	1x32A 3P+N	1x32A 3P+N	3P+N+E 16mm ²	M32 POLY (14-25)
CD12	1x40A 3P+N	1x16A 1P+N	1x32A 3P+N	3P+N+E 16mm ²	M32 POLY (14-25)
CD13	1x40A 3P+N	1x16A 1P+N	1x32A 3P+N	3P+N+E 35mm ²	M40 POLY (18-32)
CD15		1x63A 3P+N 30mA		3P+N+E 16mm ²	M40 POLY (18-32)
CD16*	1x25A 3P+N	+ 2 fuses 6A Gg	1x16A 3P+N	3P+N+E 16mm ²	M32 POLY (14-25)

* CD6 and CD16 boxes are equipped with a 160 VA 230V/24V transformer. Maximum operating temperature: 40 °C.

TYPICAL CONFIGURATION

CD12

Part number 6134017**CD12**



DECONTACTOR™ DSN1

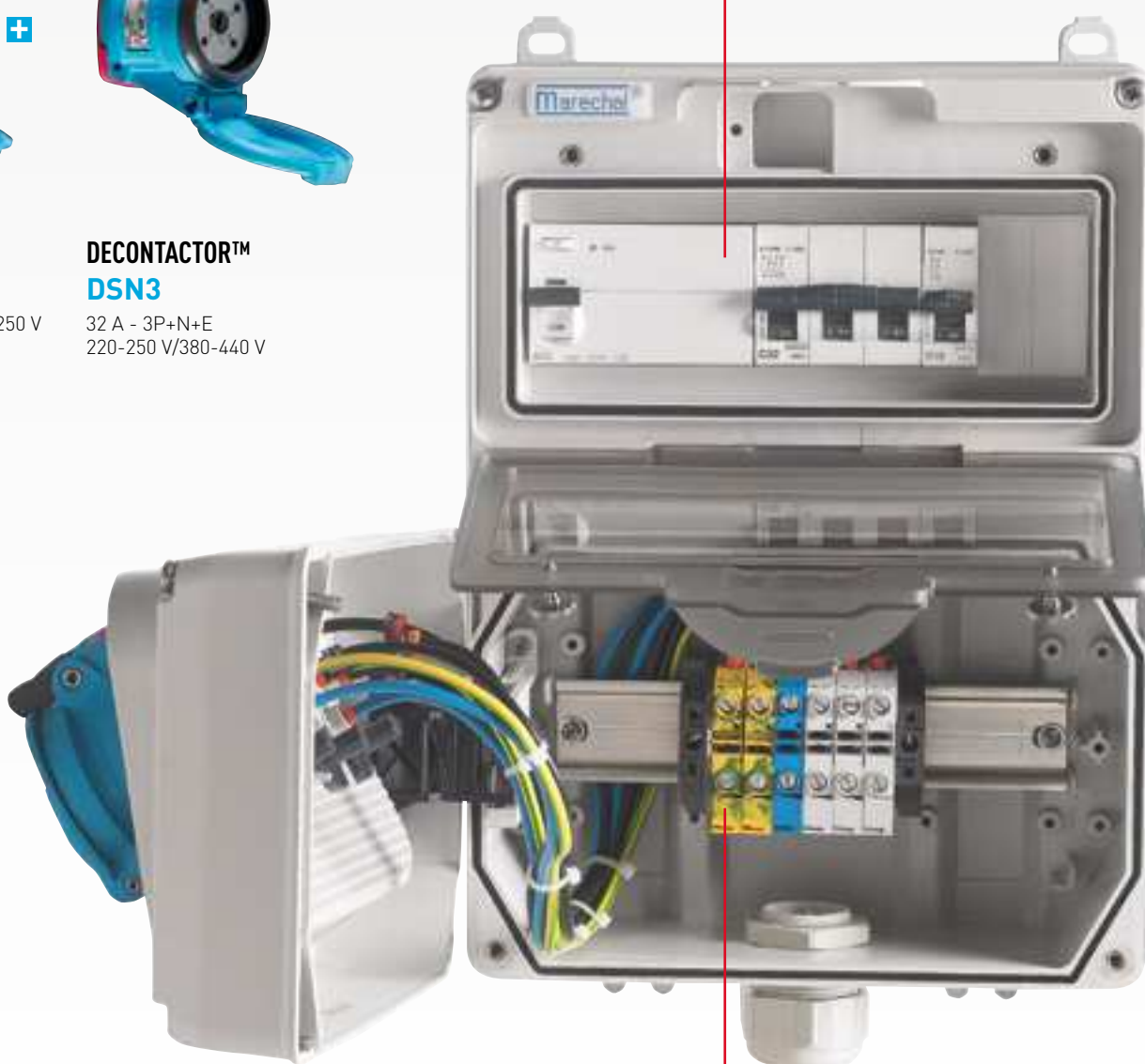
16 A - 1P+N+E-220-250 V

DECONTACTOR™ DSN3

32 A - 3P+N+E
220-250 V/380-440 V

Protection

- Main switch with RCD 30 mA 1x40A 3P+N
- Circuit breaker Socket 1: 1x16A 1P+N
- Circuit breaker Socket 2: 1x32A 3P+N



Cable gland

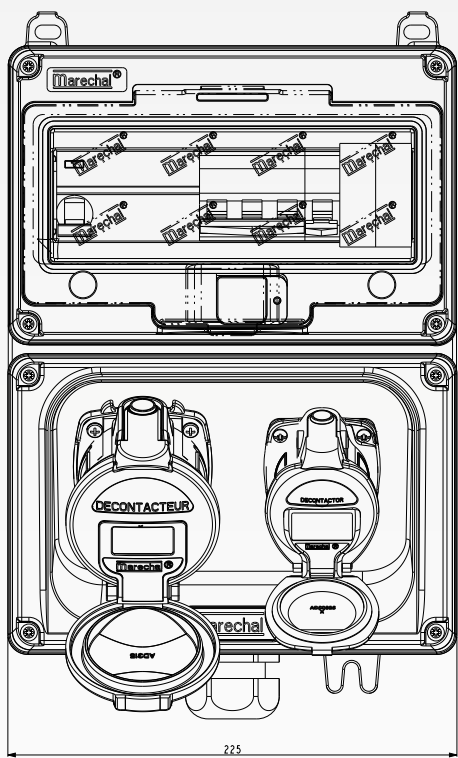
M32 Poly (14-25 mm)

Terminal

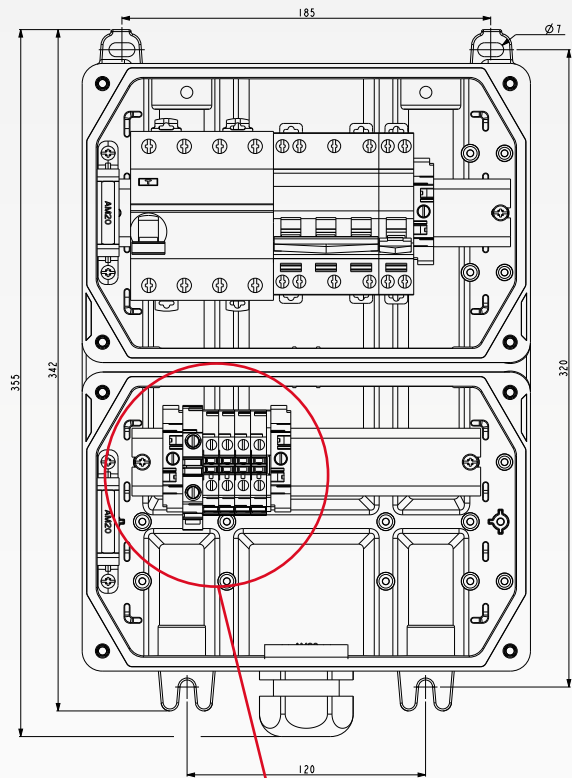
3P+N+E 16mm²

DIMENSIONS

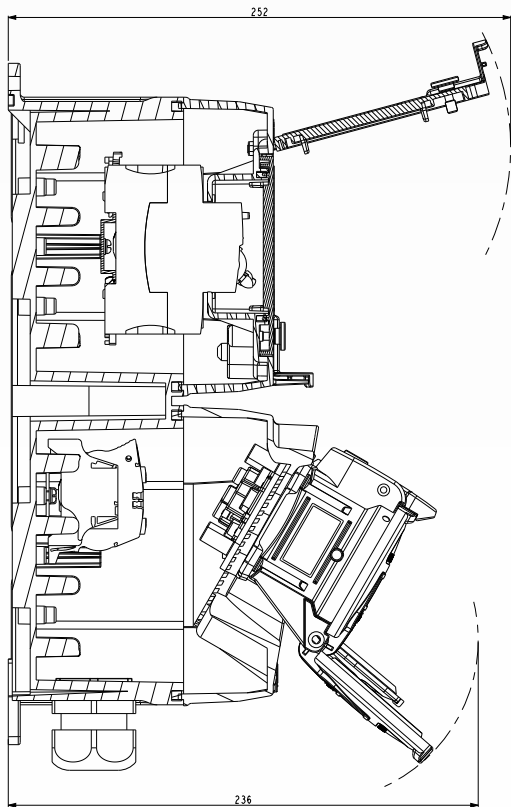
Front view



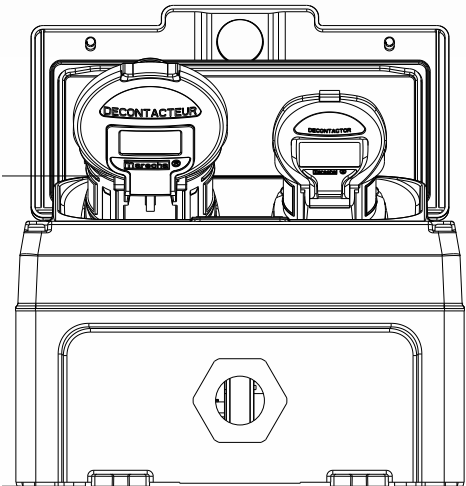
Front cutaway view

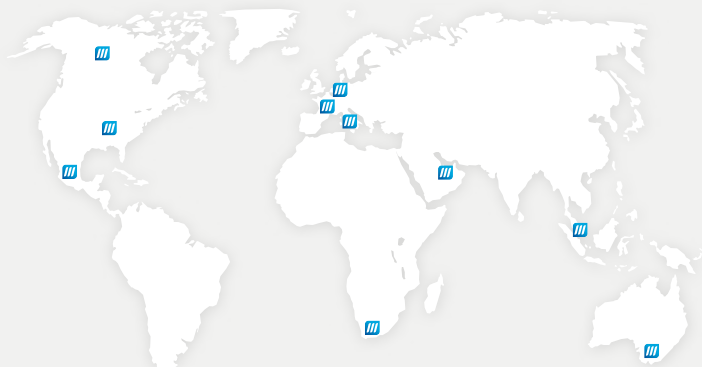


Profile cutaway view



View from underneath





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Wide range to cover your needs

MARECHAL® Ranges

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 150 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 150 A
- DB - Disconnectable motor switch - up to 45 kW

SIGNAL AND CONTROL

- PN7C, DN9C, PN12C, DN20C, DSN24C, DSN37C, DS37C - 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 / 2 aux.
- 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 500 A
- CCH - Battery-charger connectors - from 75 A to 200 A

HIGH TEMPERATURE

- PNHT/DSHT - Power connectors
- DN7C3HT/DN7C6HT - Motor connectors
- PN7CHT - Multi-contact 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