

16-20 A

U MAX
500 V AC
750 V DC

DECONTACTOR™ DSN1

INSTRUCTIONS FOR USE



METAL
VERSION
AVAILABLE
SOON



IN-LINE CONNECTIONS TO ORDER

A pair of finger draw plates to aid closing
Reference 611A346



IP66
IP67
IP69



1-2,5 mm² (1)
1,5-4 mm² (2)



GRP



IK09



-40 °C
+60 °C



AC-22A
AC-23A
DC-21A



60309-1
60309-4
60947-3



2 PIL. (3)

(1) Flexible wiring (min.-max.).
(2) Stranded wiring (min.-max.).
(3) Flexible wiring 0.8 mm².



Other configurations
on request.



For a black colour
housing replace the
second reference
character with 5.

LOAD-BREAK CAPABILITY OF THE DECONTACTOR™

Comply with IEC/EN 60309-1 and IEC/EN 60309-4 standards	20 A/500 V
Load-break capability according to IEC/EN 60947-3/AC-22A	20 A/500 V
Load-break capability according to IEC/EN 60947-3/AC-23A	20 A/500 V
Load-break capability according to IEC/EN 60947-3/DC-21A	20 A/250 V
Short-circuit current I _{cc}	10 kA
Power kW AC-22A/AC-23A	10 kW

SOCKET-OUTLET
female
DSN1



INLET male
DSN1



20-24 V AC	2P	611408A	611808A
190-250 V AC	1P+N+E	6114015	6118015
380-440 V AC	3P+E	6114013	6118013
190-250 V AC 380-440 V AC	3P+N+E	6114017	6118017
480-500 V AC	3P+E	6114093	6118093
480-500 V AC	3P+N+E	6114097	6118097
Pilotes 2A/250 V AC	+ 2 pilots*	Ref. + 972	NA

Dual-voltage
socket-outlet
(see p. 21)

► Other currents, voltages, frequencies and contact configurations are available (see page 21).

* Unlike the rest of the DSN range, DSN1 auxiliaries are located on the female side only and are shunted. Electrical continuity is only ensured when the inlet and the socket-outlet are connected and when the pilot circuit is closed.

OPTIONS **Reference**

INDUSTRIAL/DOMESTIC ADAPTERS

Industrial inlet MARECHAL® 1P+N+E and domestic socket-outlet 16 A with integrated fuse.

All these plug adapters are available to local standards: replace D11 by D40 for UK, D30 for Germany/Netherlands/Luxembourg, D06 for Italy.



6118015D11

LOCKING PIN FOR 2 PADLOCKS Ø 4 TO 8 mm (PADLOCK NOT SUPPLIED)



Socket-outlet ref. + 843

SAFETY HASP FOR UP TO 6 PADLOCKS



613A541

LARGER RELEASE BUTTON



Socket-outlet ref. + 453

INLET CAP IP66/IP67



611A426

SELF-RETURNING LID: IP40 LID CLOSED: IP66/IP67/IP69



Socket-outlet ref. + R

SELF-EJECTING



See page 204

PRODUCTS AVAILABLE IN BLACK

The black dot means these products are also available in black color. Replace the second character of the product reference with 5

PRODUCT WITH ANTI-BACTERIAL TREATMENT

This sticker means that the product is also available with an antibacterial treatment. Add the suffix AG to the reference.

SLEEVE **Reference**

POLY SLEEVE



30°

511M3



70°

511M7

METAL SLEEVE



0° (Straight)

591M0



30°

591M3

BOXES **Input** **Reference**

POLY BOX



30°

M20

511B3M20

30°

M25

511B3M25

POLY BOX + POLY SLEEVE

(BLACK VERSION SEE ACCESSORIES DXN1 PAGE 265)

70°

Without hole

511C7000



70°

Hole Ø 20

511C7M20

Earth bar ref.: 51AA089

70°

Hole Ø 25

511C7M25

70°

Hole Ø 32

511C7M32

METAL BOX (+ EARTHING WIRE) + POLY SLEEVE



30°

M20

511C3M20

Cable glands are not delivered with the boxes.

HANDLE **Input/Cable outer Ø** **Reference** **Self-ejection**

POLY HANDLE WITH GLAND



9-18 mm

511P0D18

/



5-21 mm

511P0D21

/



60°

9-18 mm

511P6D18

/

POLY HANDLE + POLY CABLE GLAND



5-12 mm

511P020P

Ref. + 443 (10-14 mm)

9-18 mm

511P025P

Ref. + 443 (12-18 mm)

14-25 mm

511P032P

Ref. +443

POLY HANDLE (WITHOUT CABLE GLAND)

M20

511P0M20

/



M25

511P0M25

/

M32

511P0M32

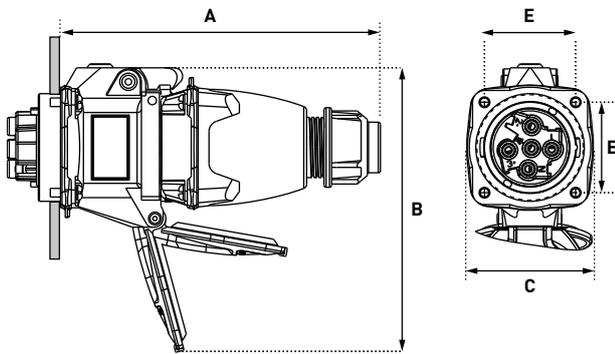
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DRAWINGS AND DIMENSIONS



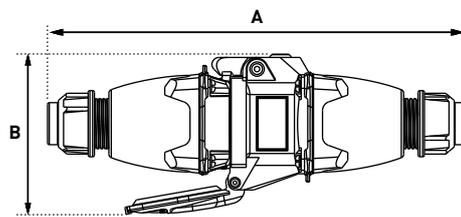
DOWNLOAD THE DRAWINGS ON OUR WEBSITE marechal.com

PLUG ON SOCKET-OUTLET



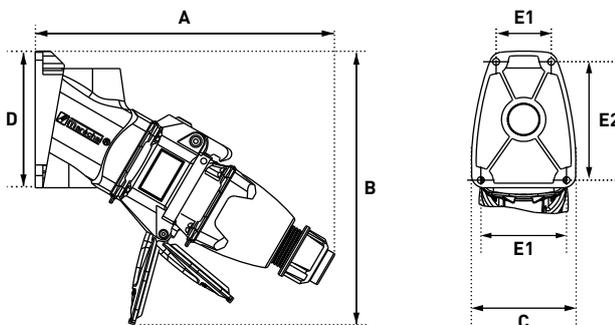
A	B	C	E
147	134	58	42

COUPLER



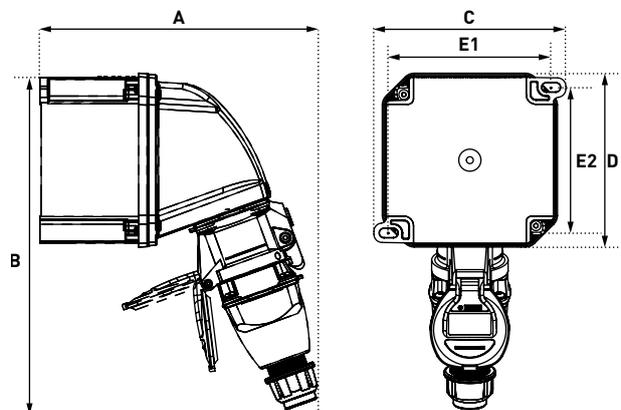
A	B
231	89

PLUG ON 30° WALL-MOUNTED SOCKET-OUTLET



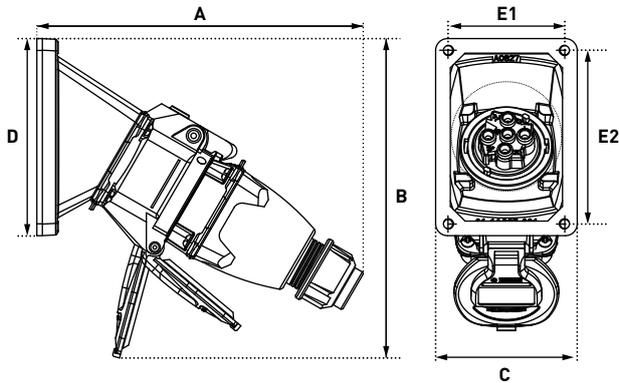
A	B	C	D	E1	E2
196	180	68	90	36/56	78

PLUG ON 70° WALL-MOUNTED SOCKET-OUTLET



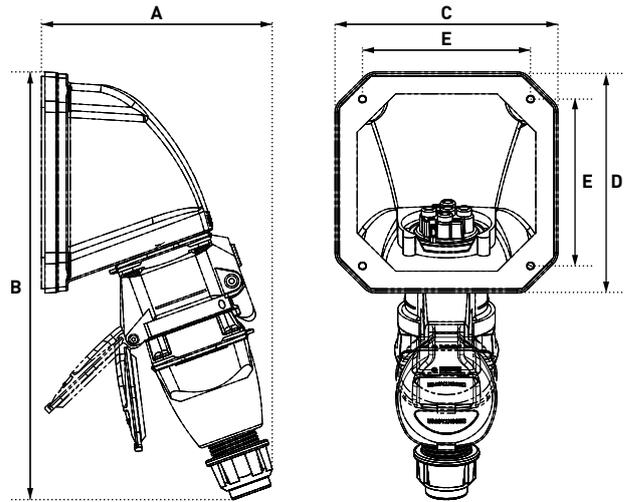
A	B	C	D	E1	E2
200	244	138	126	117	106

PLUG ON 30° INCLINED SOCKET-OUTLET



A	B	C	D	E1	E2
177	175	77	108	64	95

PLUG ON 70° INCLINED SOCKET-OUTLET



A	B	C	D	E
131	244	126	126	95

