

20 A

DECONTACTOR™ DXN1 ZONE 1-21

U MAX
550 V AC
550 V DC

MARECHAL ELECTRIC FRANCE

Ex II 2 G D Ex db eb IIC T* Gb
Ex tb IIIC T* Db
*-40 °C ≤ Ta ≤ +60 °C T5 T90 °C
-40 °C ≤ Ta ≤ +40 °C T6 T70 °C
IECEX LCI 09.0005X/LCIE 99 ATEX 6027 X

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



1-4 mm² (1)
1,5-6 mm² (2)



GRP



IK09



-40 °C
+60 °C



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



ATEX



1, 2,
21, 22

(1) Flexible wiring (min.-max.).
(2) Stranded wiring (min.-max.).



Other configurations
on request.

TEMPERATURE RATING

Gas temperature classes	T6 for an ambient T° between -40 °C and +40 °C
	T5 for an ambient T° between -40 °C and +60 °C
Dust surface temperature classes	Surface T° ≤ 70 °C for an ambient T° between -40 °C and +40 °C
	Surface T° ≤ 90 °C for an ambient T° between -40 °C and +60 °C

STANDARDS

International and European IEC/EN standards	60079-0, 60079-1, 60079-7, 60079-31, 60309-1, 60309-4, 60947-3
Protection mode	db eb, tb

LOAD-BREAK CAPABILITY OF THE DECONTACTOR™

Load-break capability according to IEC/EN 60947-3/AC-22A	20 A/550 V
Load-break capability according to IEC/EN 60947-3/AC-23A	20 A/440 V
Load-break capability according to IEC/EN 60947-3/DC-21A	20 A/250 V

SOCKET-OUTLET
female **DXN1**



INLET* male
DXN1



Each socket-outlet
or inlet must be
associated with a box,
a sleeve or a handle.

20-24 V AC	2P	251408A	251808A
190-250 V AC	1P+N+E	2514015	2518015
380-440 V AC	3P+E	2514013	2518013
380-440 V AC	3P+N+E	2514017	2518017
480-500 V AC	3P+E	2514093	2518093
480-500 V AC	3P+N+E	2514097	2518097

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

* inlet cap included.

OPTIONS	Reference
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	
	251A426
SELF CLOSING/SELF RETURNING LID	
	Socket-outlet ref. + R
COMPATIBILITY WITH DSN SOCKET-OUTLET (INDUSTRIAL RANGE)	
	Contact us.
SELF-EJECTION	
	See page 204

WALL BOX	Incline angle	Input/Cable outer Ø	Reference
WALL BOX POLY WITH EX POLY CABLE GLAND			
	30°	5-10 mm	251AB5316P
	30°	10-14 mm	251AB53
	30°	12-18 mm	251AB5325P
WALL BOX POLY WITHOUT CABLE GLAND			
	30°	M20	251AB53417
	30°	M25	251AB53418
WALL BOX POLY WITH EX POLY CABLE GLAND			
	70°	10-14 mm	251AB8820P
	70°	12-18 mm	251AB8825P
	70°	16-25 mm	251AB8832P
	120 X 120 mm		
WALL BOX POLY WITH METAL CABLE GLAND WITH EARTH CONTINUITY			
	70°	8-10 mm	251AB8820M
	70°	12-14 mm	251AB8825M
	70°	18-24 mm	251AB8832M
	120 X 120 mm		
WALL BOX POLY WITH TERMINAL BLOCKS (IECEx LCIE 16.0042X/LCIE 16 ATEX 3054X) P. 322			
	70°	10-14 mm	251A08820P ⁽¹⁾
	70°	12-18 mm	251A08825P ⁽¹⁾
120 X 120 mm			

1. Delivered with two predrilled entries fitted with 1 cable gland and 1 stopping plugs, 8+2 terminals up to 4 mm² with 2.5 mm² wires. Wiring : 1-4 mm². For other configurations, contact us.

HANDLES	Cable outer Ø	Reference
POLY HANDLE WITH GLAND EX POLY		
	10-14 mm	251A753
	12-18 mm	251A25325P
	16-25 mm	251A25332P
POLY HANDLE WITH EX POLY GLAND FOR SELF-EJECTION OPTION		
	10-14 mm	251A463
	12-18 mm	251A44325P
STRAIGHT POLY HANDLE WITH METAL CABLE GLAND WITH EARTH CONTINUITY		
	8-10 mm	251A25320M
	12-14 mm	251A25325M
	18-24 mm	251A25332M

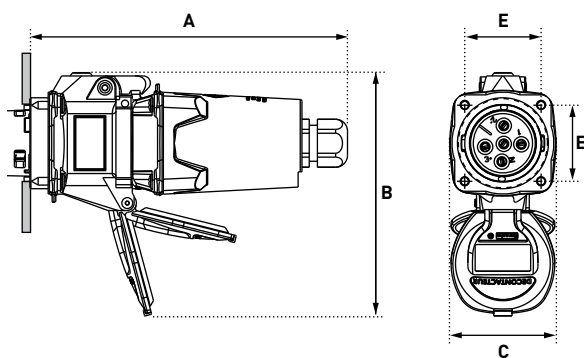
SLEEVE	Incline angle	Reference
INCLINED POLY SLEEVE		
	30°	251A057
	70°	251A757

DRAWINGS AND DIMENSIONS



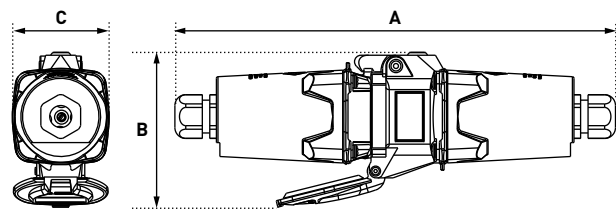
DOWNLOAD
THE DRAWINGS
ON OUR WEBSITE
marechal.com

PLUG ON SOCKET-OUTLET



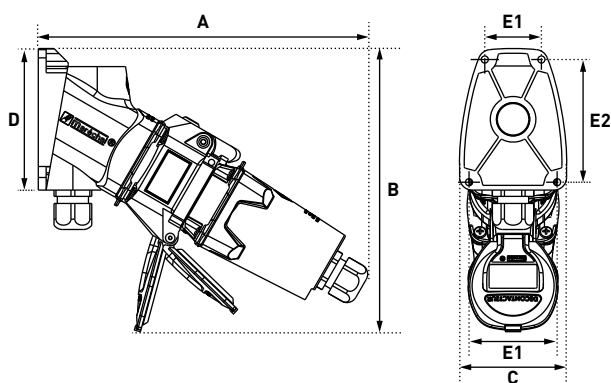
A	B	C	E
165	134	58	42

COUPLER



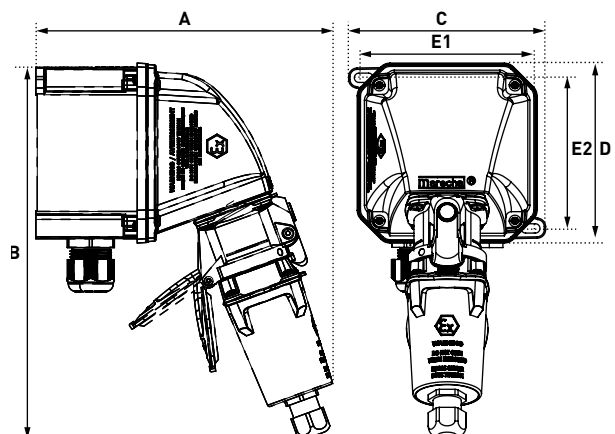
A	B	C
266	89	58

PLUG ON 30° WALL MOUNTED SOCKET-OUTLET



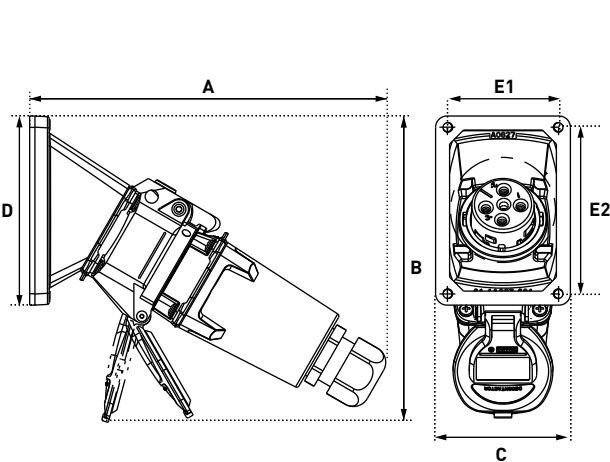
A	B	C	D	E1	E2
209	180	68	90	36/56	79

PLUG ON 70° WALL-MOUNTED SOCKET-OUTLET



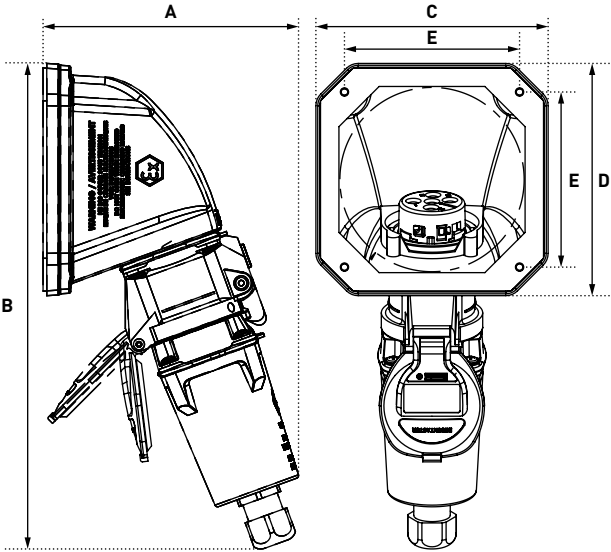
A	B	C	D	E1	E2
208	264	138	126	117	105.5

PLUG ON 30° INCLINED SOCKET-OUTLET



A	B	C	D	E1	E2
203	175	77	108	64	96

PLUG ON 70° INCLINED SOCKET-OUTLET



A	B	C	D	E
139	264	126	126	95

