

32 A

DECONTACTOR™ DXN3 ZONE 1-21

U MAX
750 V AC
750 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 T77 °C
-40 °C ≤ Ta ≤ +40 °C T6 T57 °C
IECEx LCI 09.0006X/LCIE 05 ATEX 6149X

INSTRUCTIONS FOR USE



**METAL
VERSION
AVAILABLE
SOON**



IN-LINE CONNECTIONS TO ORDER

A pair of finger draw
plates to aid closing
Reference 613A346



IP66
IP67



2,5-10 mm² (1)
2,5-16 mm² (2)



GRP



IK09



-40 °C
+60 °C



AC-22A
DC-21A



ATEX



1, 2,
21, 22



2 AUX. (3)

(1) Flexible wiring (min.-max.).
(2) Stranded wiring (min.-max.).
(3) Flexible wiring : 1,5-2,5 mm²,
stranded : 1,5 - 4 mm².



**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° ≤ 57 °C for an ambient T° between -40 °C and +40 °C
	Surface T° ≤ 77 °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	32 A/690 V
Load-break capability according to IEC/EN 60947-3/DC-21A	32 A/250 V

SOCKET-OUTLET
female **DXN3**



INLET male
DXN3



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

20-24 V AC	2P	253408A	253808A
190-250 V AC	1P+N+E	2534015	2538015
380-440 V AC	3P+E	2534013	2538013
380-440 V AC	3P+N+E	2534017	2538017
480-500 V AC	3P+E	2534093	2538093
480-500 V AC	3P+N+E	2534097	2538097
550 V AC - Auxiliaries 5 A	+ 2 contacts	Ref. + 972	Ref. + 972

► Other currents, voltages, frequencies and contact configurations are available [see page 21].

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	
	253A426
SELF CLOSING/SELF RETURNING LID	
	Socket-outlet ref. + R
COMPATIBILITY WITH DSN SOCKET-OUTLET (INDUSTRIAL RANGE)	
	Contact us.
SELF-EJECTION	
	See page 204
INTEGRATED FINGER DRAW PLATES + ROPE GUIDE	
This handle has integrated rope guide and finger draw plate, so there's no need to order a pair of additional finger draw plates.	

WALL BOX	Incline angle	Input/Cable outer Ø	Reference
WALL BOX POLY WITH EX POLY CABLE GLAND			
	30°	10-14 mm	253AB53
	30°	12-18 mm	253AB5325P
WALL BOX POLY WITHOUT CABLE GLAND			
	30°	M20	253AB53417
	30°	M25	253AB53418
WALL BOX POLY WITH EX POLY CABLE GLAND			
	70°	10-14 mm	253AB8820P
	70°	12-18 mm	253AB8825P
120 X 120 mm	70°	16-25 mm	253AB8832P
WALL BOX POLY WITH METAL CABLE GLAND WITH EARTH CONTINUITY			
	70°	8-10 mm	253AB8820M
	70°	12-14 mm	253AB8825M
120 X 120 mm	70°	18-24 mm	253AB8832M
WALL BOX POLY WITH TERMINAL BLOCKS (IECEx LCIE 16.0042X/LCIE 16 ATEX 3054X) P. 322			
	70°	10-14 mm	253A08820P ⁽¹⁾
120 X 120 mm	70°	12-18 mm	253A08825P ⁽¹⁾
IN THIS CONFIGURATION			
U _{MAX} = 630 V			
1. Delivered with two predrilled entries fitted with 1 cable gland and 1 stopping plug, 8+2 terminals up to 10 mm² with 6 mm² wires. Wiring : 2.5-10 mm². For other configurations, contact us.			

HANDLE	Cable outer Ø	Reference
POLY HANDLE WITH GLAND EX POLY		
	10-14 mm	253A753
	12-18 mm	253A783
	16-25 mm	253A25332P
	22-32 mm	253A25340P
STRAIGHT POLY HANDLE WITH METAL CABLE GLAND WITH EARTH CONTINUITY		
	8-10 mm	253A25320M
	12-14 mm	253A25325M
	18-24 mm	253A25332M

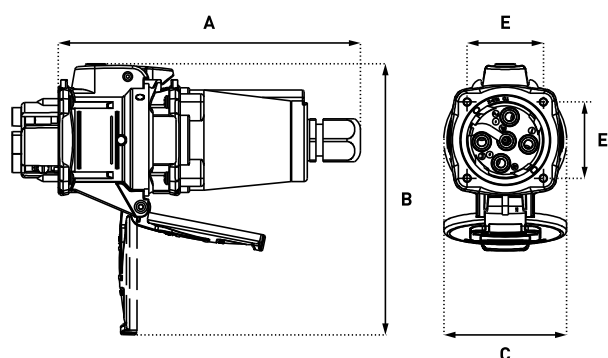
SLEEVE	Incline angle	Reference
INCLINED POLY SLEEVE		
	30°	253A027
	70°	253A757

DRAWINGS AND DIMENSIONS



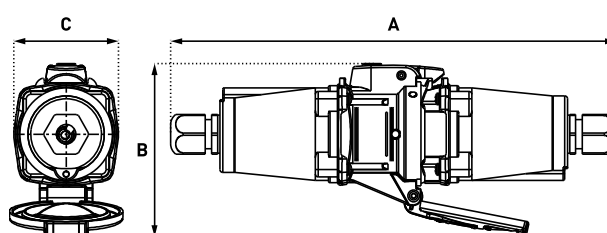
DOWNLOAD
THE DRAWINGS
ON OUR WEBSITE
marechal.com

PLUG ON SOCKET-OUTLET



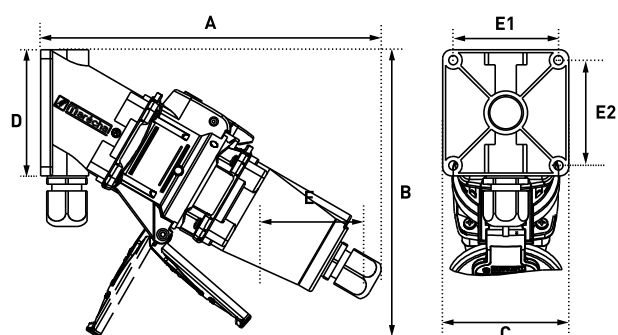
A	B	C	E
190	171	77	48

COUPLER



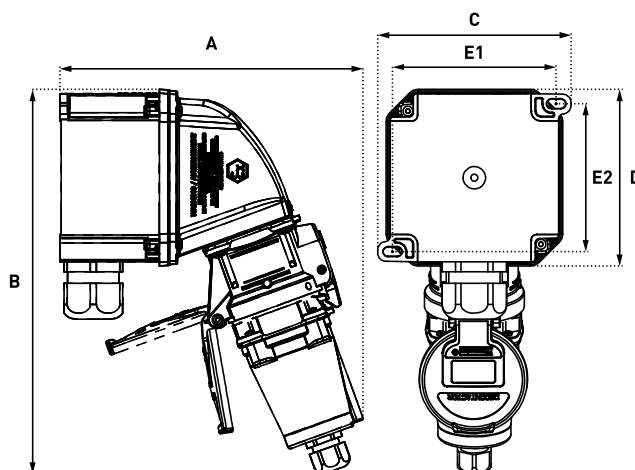
A	B	C
304	71	118

PLUG ON 30° WALL MOUNTED SOCKET-OUTLET



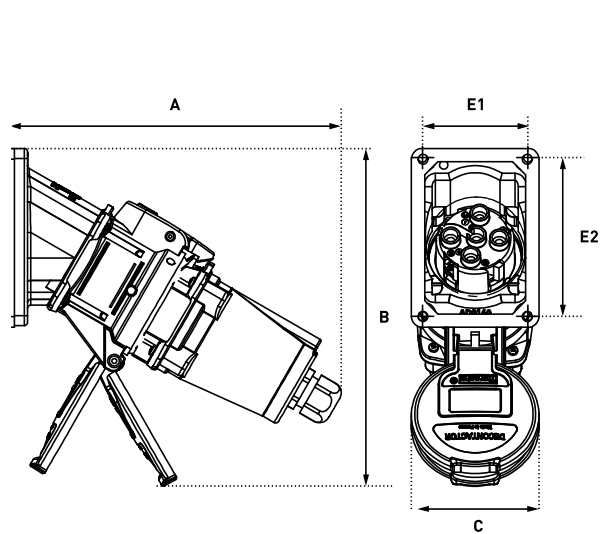
A	B	C	D	E1	E2
226	191	84	84	71	71

PLUG ON 70° WALL-MOUNTED SOCKET-OUTLET



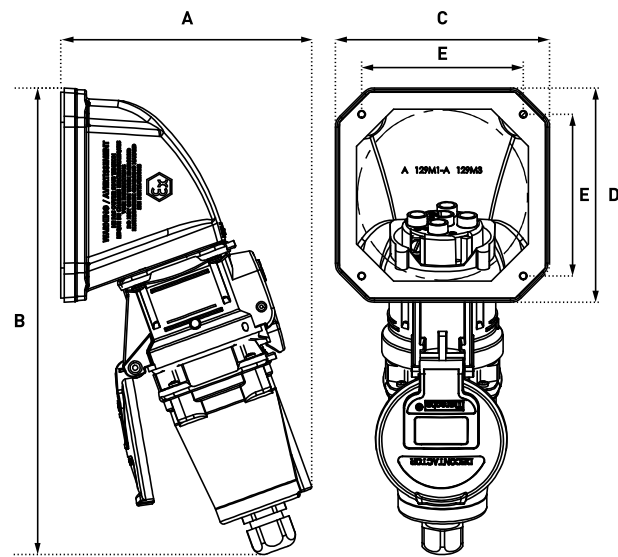
A	B	C	D	E1	E2
208	264	138	126	117	105.5

PLUG ON 30° INCLINED SOCKET-OUTLET



A	B	C	D	E1	E2
201	204	77	108	64	96

PLUG ON 70° INCLINED SOCKET-OUTLET



A	B	C	D	E
148	275	126	126	95

