

20 A

550 V
U MAX

DECONTACTOR™ DXN1

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 LC1 09.0005X/LCIE 99 ATEX 6027 X



IP66
IP67



1-4 mm² ⁽¹⁾
1,5-6 mm² ⁽²⁾



GRP



IK09



-40 °C
+60 °C



AC-22
AC-23



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

SOCKET-OUTLET

female
DXN1



INLET* male
DXN1



20-24 V AC	2P	251408A	251808A
220-250 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 14).

* inlet cap included.



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

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	
	399A541
LARGER RELEASE BUTTON	
	Ref. socket +453
INLET CAP IP66/IP67	
	251A426
IN-LINE CONNECTIONS (A PAIR OF FINGER DRAW PLATES TO AID CLOSING)	
	611A346
SELF CLOSING/SELF RETURNING LID	
	Socket-outlet ref.+R
COMPATIBILITY WITH DSN SOCKET-OUTLET (INDUSTRIAL RANGE)	
	Contact us.
SELF-EJECTION	
	See page 192

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
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
WALL BOX POLY WITH TERMINAL BLOCKS (IECEx LCIE 16.0042X/LCIE 16 ATEX 3054X)			
	70°	10-14 mm	251A08820P ⁽¹⁾
	70°	12-18 mm	251A08825P ⁽¹⁾

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

20 A

440 V
U MAX

ZONE 2-22 PLUGS & SOCKETS DXN1

MARECHAL ELECTRIC FRANCE

Ex II 3 GD

Ex ec IIC T* Gc

Ex tc IIIC T* Dc

*-40 °C ≤ Ta ≤ +60 °C T5 T95 °C

-40 °C ≤ Ta ≤ +40 °C T6 T75 °C

TF: MAR X 23.0002



IP66
IP67



1-2,5 mm² (1)
1,5-4 mm² (2)



GRP



IK09



-40 °C
+60 °C



ATEX



2, 22



2 PIL⁽³⁾

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

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

(3) Câblage souple 0,8 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° ≤ 75 °C for an ambient T° between -40 °C and +40 °C

Surface T° ≤ 95 °C for an ambient T° between -40 °C and +60 °C

STANDARDS

International and European
IEC/EN standards

60079-0, 60079-7, 60079-31

Protection mode

ec, tc

SOCKET-OUTLET

female
DXN1



INLET* male
DXN1



20-24 V AC	2P	251408AMZ2	251808AMZ2
220-250 V AC	1P+N+E	2514015MZ2	2518015MZ2
380-440 V AC	3P+E	2514013MZ2	2518013MZ2
380-440 V AC	3P+N+E	2514017MZ2	2518017MZ2

► Other currents, voltages, frequencies and contact configurations are available (see page 14).

* inlet cap included.



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or inlet must be
associated with a box,
a sleeve or a handle.

OPTIONS	Reference
SAFETY HASP FOR UP TO 6 PADLOCKS	
	399A541
LARGER RELEASE BUTTON	
	Ref. socket +453
INLET CAP IP66/IP67	
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IN-LINE CONNECTIONS (A PAIR OF FINGER DRAW PLATES TO AID CLOSING)	
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SELF CLOSING/SELF RETURNING LID	
	Socket-outlet ref.+R
COMPATIBILITY WITH DSN SOCKET-OUTLET (INDUSTRIAL RANGE)	
	Contact us.

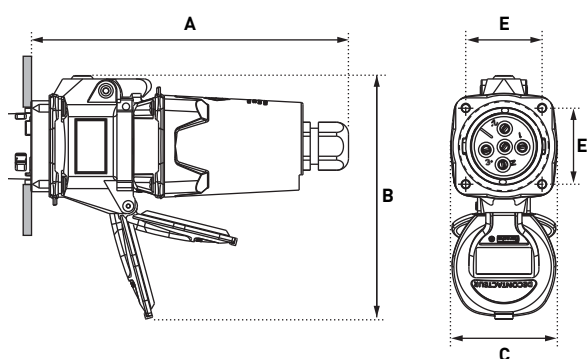
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	30°	12-18 mm	251AB5325P
WALL BOX POLY WITHOUT CABLE GLAND			
	30°	M20	251AB53417
	30°	M25	251AB53418
WALL BOX POLY WITH EX POLY CABLE GLAND			
	70°	10-14 mm	251AB8820P
	70°	12-18 mm	251AB8825P
	70°	16-25 mm	251AB8832P
WALL BOX POLY WITH METAL CABLE GLAND WITH EARTH CONTINUITY			
	70°	8-10 mm	251AB8820M
	70°	12-14 mm	251AB8825M
	70°	18-24 mm	251AB8832M
WALL BOX POLY WITH TERMINAL BLOCKS (TF: MAR X 14.0001)			
	70°	10-14 mm	Contact us
	70°	12-18 mm	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
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

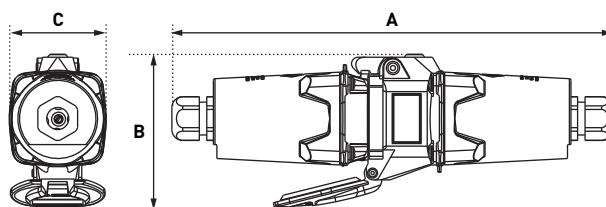
DRAWINGS AND DIMENSIONS

PLUG ON SOCKET-OUTLET



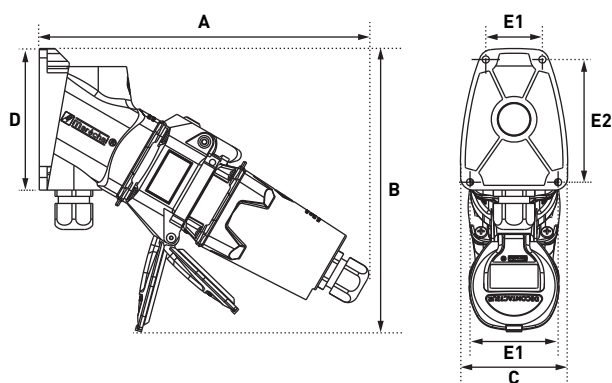
A	B	C	E
165	134	58	42

COUPLER



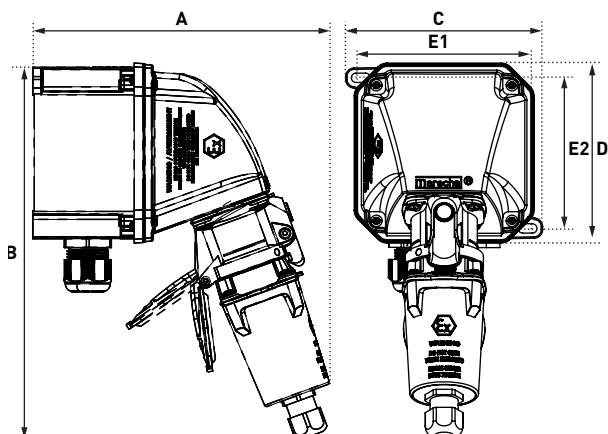
A	B	C
266	89	58

PLUG ON 30° WALL MOUNTED SOCKET OUTLET



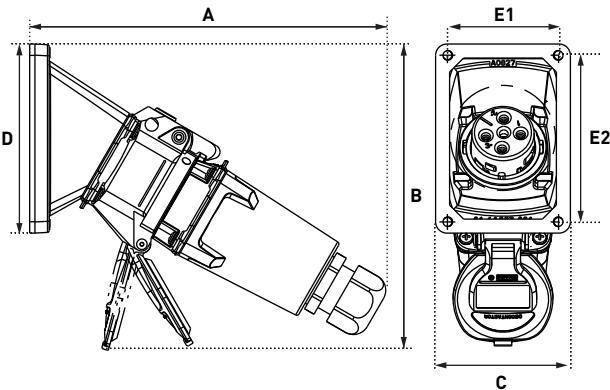
A	B	C	D	E1	E2
209	180	68	90	36/56	79

PLUG ON 70° WALL-MOUNTED SOCKET-OUTLET



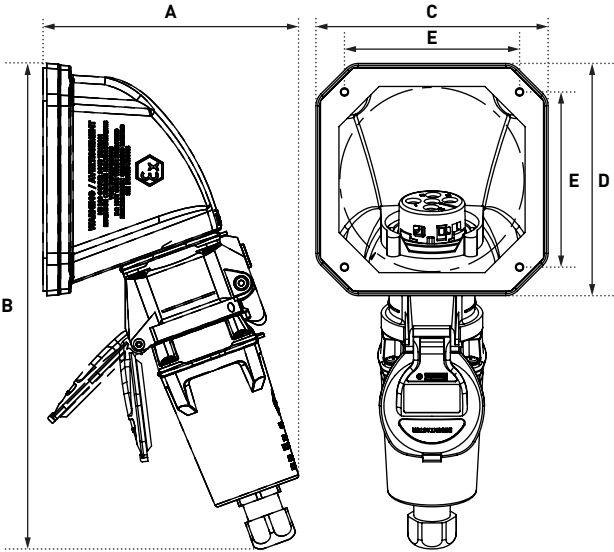
A	B	C	D	E1	E2
208	264	138	126	117	105.5

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

