



WALL BOX DXN1



PLUG DXN1



Wall box poly 70°
251AB58



Socket-outlet
2514017



Straight handle poly
251A753



Inlet
2518017

MAIN FEATURES

Rated current (with wiring according to standard)	20 A	Flexible wiring (min-max)	1 - 4 mm ²
Maximum voltage	550 V	Stranded wiring (min-max)	1,5 - 6 mm ²
IP protection lid closed	IP66/IP67	Other wiring	on request
IP protection connected plug	IP66/IP67	Keying positions	24
Shock resistance	IK08	Protection mode	de
Ambient temperature	-40 °C to +60 °C	ATEX zones	1 & 2, 21 & 22

Temperature rating

Gas temperature classes

T₆ : surface T° ≤ 85 °C for an ambient T° between -40 and +40 °C
T₅ : surface T° ≤ 100 °C for an ambient T° between -40 and +60 °C

Dust surface temperature classes

Surface T° ≤ 70 °C for an ambient T° between -40 and +40 °C
Surface T° ≤ 90 °C for an ambient T° between -40 and +60 °C

Comply with EN 60309-1

20 A / 550 V

SOCKET- OUTLET female DXN1 (20 A)



INLET male DXN1 (20 A)



EACH SOCKET OUTLET OR INLET
MUST BE ASSOCIATED WITH A
BOX, A SLEEVE OR A HANDLE.

Voltage 50 Hz	Polarity	Part no.	Part no.
20 - 24 V	2P	251408A	251808A
190 - 230 V	3P+E	2514033	2518033
220 - 250 V	1P+N+E	2514015	2518015
380 - 440 V	3P+E	2514013	2518013
380 - 440 V	3P+N+E	2514017	2518017
480 - 500 V	3P+E	2514093	2518093
480 - 500 V	3P+N+E	2514097	2518097

Other voltages, frequencies and polarities are available on request (see page 8)

MARECHAL ELECTRIC MAROMME

Ex II 2 G D Ex de IIC tD A21

-40 °C ≤ T_a ≤ +60 °C T₅ T₉₀ °C

-40 °C ≤ T_a ≤ +40 °C T₆ T₇₀ °C

IECEx LCI 09.0005X / LCIE 99 ATEX 6027 X

BOXES

Ex poly cable gland included



**Wall box
poly 30°**



**Wall box
poly 70°***

Ex cable gland				
M20	251AB53	10-14 mm	251AB58	10-14 mm
M25	251AB5325P	12-18 mm	251AB5825P	12-18 mm
M32			251AB5832P	16-25 mm

* For alternatives with Earth continuity or several entries, cable glands for armoured cable, please contact us

SLEEVES



**Inclined
poly 30°**



**Inclined
poly 70°**

251A027	251A757
---------	---------

HANDLES



Straight poly

Ex cable gland		
M20	251A753	10-14 mm
M25	251A25325P	12-18 mm
M32	251A25332P	18-25 mm

* For alternatives with Earth continuity, cable glands for armoured cable, please contact us

INFO +

Compatible with DSN1 socket

Upon request, the DXN1 'de' plugs (20 A) can be connected to the industrial DSN1 (20 A) socket-outlet and coupler sockets.

Thus, you can move mobile Ex devices equipped with a DXN1 plug in and out of your Ex zones. Contact us.



ACCESSORIES & OPTIONS

Locking with shaft for 3 padlocks ø 4 mm (padlocks not supplied)

Socket no. + 844



Handle or Box equipped with ATEX metal entry with Earth continuity.

Handle: 251A253Z0405

Box: consult us



Inlet cap

251A126



180° opening lid

Self-returning lid

180° opening and self-returning lid

Socket no. + 10

Socket no. + R

Socket no. + 18