



TYPICAL CONFIGURATION



WALL BOX DXN1

Wall box poly 30°
251AB53Socket-outlet
2514017

PLUG DXN1

Straight handle poly
251A753Inlet
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 for an ambient T° between -40 and +40 °C

T5 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 contact configurations are available (see page 10).

MARECHAL ELECTRIC MAROMME

Ex II 2 G D Ex de 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



**THORNE &
DERRICK
INTERNATIONAL**

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DXN

BOXES

Ex poly cable gland
included



**Wall box
poly 30°**



**120x120 wall box
poly 30° without
terminal blocks***



**120x120 wall box
poly 30° with 4mm²
terminal blocks****

Ex cable gland				
M20	251AB53	7-14 mm	251AB8820P	251A08820P
M25	251AB5325P	10-18 mm	251AB8825P	251A08825P
M32		17-24 mm	251AB8832P	

* With earth continuity + 1 hole with a poly cable gland. For alternatives, please contact us.

**With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 4 mm² terminals blocks + 2,5 mm² wires, wiring 1 - 4mm².
For alternatives, please contact us.

SLEEVES



**Inclined
poly 30°**

251A057



**Inclined
poly 70°**

251A757

HANDLES

Ex cable gland
included



**Straight poly
with poly cable gland**



**Straight poly
with métal cable gland with Earth continuity**

Ex cable gland				
M20	251A753	7-14 mm	251A25320M	8-10 mm
M25	251A25325P	10-18 mm	251A25325M	12-14 mm
M32	251A25332P	17-24 mm	251A25332M	18-24 mm

ACCESSORIES & OPTIONS

**Locking with shaft for 2 padlocks
ø 4-8 mm (padlocks not supplied)**

Socket no. + 843

Lockable plug: contact us



**Box equipped with ATEX metal entry with Earth
continuity.**

Consult us

Inlet cap

251A426



180° opening lid

Socket no. + 10

Self-returning lid

Socket no. + R

180° opening and self-returning lid

Socket no. + 18

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.



INFO +

Self-ejecting DXN1

The DXN1 is available in ejection.

Thank you to consult us to define your current, voltage, polarity and assembly needs.

