



**THORNE &
DERRICK
INTERNATIONAL**

Thorne & Derrick
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PXN12C
DXN25C
DXN37C

MULTI-CONTACT CONNECTORS 10 A

- ▶ II2 G D Ex e IIC, Ex tb IIIC
- ▶ FROM 12 TO 37 CONTACTS
- ▶ LOCKING IN CONNECTED OR DISCONNECTED POSITION
- ▶ CORROSION-FREE METAL CASING

■ TECHNICAL FEATURES

	PXN12C	DXN25C	DXN37C
Rated current (In)	10 A	10 A	10 A
Umax	220 V	440 V	230 V
Number of contacts	11P+E	24P+E	36P+E
IP protection lid closed	IP65/IP66	IP66/IP67	IP66/IP67
IP protection connected plug	IP65/IP66	IP66/IP67	IP66/IP67
Shock resistance	IK09 for all Multicontact connectors		
Ambient temperature	-40 °C to +55 °C	-40 °C to +60 °C	-40 °C to +55 °C
Protection mode	«e» and «tb» for all Multicontact connectors		
ATEX zones	Zones 1 & 2 (gas) Zones 21 & 22 (dusts) - for all Multicontact connectors		

■ STANDARDS ASPECTS

PXN12C, DXN25C and DXN37C comply with:

- The ATEX 94/9/CE Directive (2014/35/EU from April 20 2016),
- IEC EN 60079-0, IEC EN 60079-7 and IEC EN 60079-31 International standards
- The French NF C 15-100 standard,
- The decrees relating to workers' protection in Belgium, Spain and Italy,

Also certified by VERITAS LCIE and NANIO (TR CU EAC) (French and Russian European and international notified bodies).





SPECIFICATION

Multicontact connectors IP65/IP66 with increased safety «e» for hazardous areas (ATEX), comply with MARECHAL® international standard.



PXN12C

METAL MULTI-CONTACT CONNECTORS

10 A
IP65/IP66

MAIN FEATURES

Rated current (with wiring according to standard)	10 A	Ambient temperature	-40 °C to +55 °C
Maximum voltage	220 V	Flexible wiring (min-max)	1 - 2,5 mm ²
Number of contacts	11P+E	Wiring	crimping
IP protection lid closed	IP65/IP66	Protection mode	e or i
IP protection connected plug	IP65/IP66	ATEX zones	1 & 2, 21 & 22
Shock resistance	IK09	Keying positions	2

CONNECTION OR
DISCONNECTION
SCREW LOCKING
IMPRINT BTR 2.5.

**WALL MOUNTING
SOCKET** female
PXN12c (10 A)



PLUG male
PXN12c (10 A)



Ex cable gland	Part no.	Ex cable gland	Part no.
M25	06A000125M 9-16 mm	M25	06A100125M 9-16 mm
M32	06A0001 12-21 mm	M32	06A1001 12-21 mm

**INCLINED
SOCKET** female
PXN12c (10 A)



**INCLINED
APPLIANCE INLET**
male **PXN12c (10 A)**



Part no.	Part no.
06A7001	06A9001

ACCESSORIES & OPTIONS

Inlet cap	06NA126
Crimping tool	61CA500
Helavia sleeve expansion tool	61CA400

COUPLER SOCKET
female
PXN12c (10 A)



**WALL MOUNTING
APPLIANCE INLET**
male **PXN12c (10 A)**



Ex cable gland	Part no.	Ex cable gland	Part no.
M25	06A300125M 9-16 mm	M25	06A600125M 9-16 mm
M32	06A3001 12-21 mm	M32	06A6001 12-21 mm

Each product is supplied with 1 bag of 13 contacts depending on the maximum configuration. This allows you to set up the product to suit your needs.

BAG OF 13 CONTACTS (SUPPLIED WITH INSULATION SLEEVES AND FERRULES)

Female socket-outlet Part Number	01AA213
Male inlet Part Number	01AA113

MARECHAL ELECTRIC MAROMME

II 2 G D Ex e IIC Gb tb IIIC Db

-40 °C ≤ Ta ≤ +55 °C T5 T69 °C

Ex ia or ib IIC T6 Gb

IECEx LCIE 14.0041X / LCIE 07 ATEX 6070X