



THORNE &  
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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).





MULTI

# DXN37C

METAL MULTI-CONTACT CONNECTORS

**10 A**  
**IP66/IP67**

TYPICAL CONFIGURATION

**WALL MOUNTING SOCKET DNX37c****PLUG DNX37c****Wall mounting socket**  
**36C0003****Plug**  
**36C1003**

## MAIN FEATURES

Rated current (with wiring according to standard)	10 A	Ambient temperature	-40 °C to +55 °C
Maximum voltage	230 V	Flexible wiring (min-max)	1 - 2,5 mm <sup>2</sup>
Number of contacts	36P+E	Wiring	crimping
IP protection lid closed	IP66/IP67	Protection mode	e or i
IP protection connected plug	IP66/IP67	ATEX zones	1 & 2, 21 & 22
Shock resistance	IK09	Keying positions	3

LOCKING POSITION CONNECTED  
OR DISCONNECTED BY  
LOCKABLE SHAFT.OTHER ACCESSORIES  
ON REQUEST**WALL MOUNTING  
SOCKET** female  
**DXN37c (10 A)****PLUG** male  
**DXN37c (10 A)**

Ex cable gland	Part no.	Ex cable gland	Part no.
M32	36C000332M 12-21 mm	M32	36C100332M 12-21 mm
M40	36C0003 16-27 mm	M40	36C1003 16-27 mm

With padlocking shaft (padlock not included)

**INCLINED  
SOCKET** female  
**DXN37c (10 A)****INCLINED  
APPLIANCE INLET** male  
**DXN37c (10 A)**

Part no.	Part no.
36C7003	36C9003

With padlocking shaft (padlock not included)

## ACCESSORIES & OPTIONS

Crimping tool	61CA500
Helavia sleeve expansion tool	61CA400

**COUPLER  
SOCKET** female  
**DXN37c (10 A)****WALL MOUNTING  
APPLIANCE INLET** male  
**DXN37c (10 A)**

Ex cable gland	Part no.	Ex cable gland	Part no.
M32	36C300332M 12-21 mm	M32	36C600332M 12-21 mm
M40	36C3003 16-27 mm	M40	36C6003 16-27 mm

With padlocking shaft (padlock not included)

Each product is supplied with 3 bags 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	61CA113

## MARECHAL ELECTRIC MAROMME

Ex II 2 G D Ex e IIC Gb tb IIIC Db

-40 °C ≤ Ta ≤ +40 °C T6 T56 °C

-40 °C ≤ Ta ≤ +55 °C T5 T76 °C

Ex ia und ib IIC T6 Gb