FIND ALL INFORMATION ON OUR WEBSITE:

marechal.com

Dimensions and certificates
MULTICONTACT CONNECTORS
- I2 G D Ex e IIC, Ex tb IIIC
- Up to 12 contacts
- Locking in connected or disconnected position
- Corrosion-free metal casing

MULTICONTACT CONNECTORS
- I2 G D Ex e IIC, Ex tb IIIC
- Up to 25 contacts
- Locking in connected or disconnected position
- Corrosion-free metal casing

MULTICONTACT CONNECTORS
- I2 G D Ex e IIC, Ex tb IIIC
- Up to 37 contacts
- Locking in connected or disconnected position
- Corrosion-free metal casing

PXN12C, DXN25C and DXN37C multicontact connectors comply with:
- The ATEX 2014/35/EU Directive,
- 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 LCIE (ATEX and IECEx) and NANIO (TR CU EAC) (French and Russian European and international notified bodies).
**PXN12c**

**MULTI-CONTACT CONNECTORS**

10 A IP65/IP66

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**WALL MOUNTING SOCKET PXN12c**

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**PLUG PXN12c**

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**WALL MOUNTING**

**SOCKET PXN12c**

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**PLUG PXN12c**

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**WALL box 30° 06A0001**

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**Plug 06A1001**

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**MAIN FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated current (with wiring according to standard)</td>
<td>4-20 mA/10 A</td>
</tr>
<tr>
<td>Maximum voltage</td>
<td>220 V</td>
</tr>
<tr>
<td>Number of contacts</td>
<td>11C+</td>
</tr>
<tr>
<td>Number of contacts</td>
<td>11C+</td>
</tr>
<tr>
<td>IP protection lid closed</td>
<td>IP45/IP66</td>
</tr>
<tr>
<td>IP protection plug connected</td>
<td>IP45/IP66</td>
</tr>
<tr>
<td>Shock resistance</td>
<td>IK09</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-40 °C to +55 °C</td>
</tr>
<tr>
<td>Flexible wiring (min-max)</td>
<td>1-2.5 mm²</td>
</tr>
<tr>
<td>Wiring (terminals)</td>
<td>crimping</td>
</tr>
<tr>
<td>Protection mode</td>
<td>e or t, tb</td>
</tr>
<tr>
<td>Keying positions</td>
<td>2</td>
</tr>
</tbody>
</table>

**Connection or disconnection**

screw locking imprint BTR 2.5.

**WALL** mounting socket
- female PXN12c (10 A)
  - M25 06A000125M 9-16 mm
  - M32 06A0001 12-21 mm

**PLUG** male PXN12c (10 A)
- M25 06A0001 12-21 mm

**INCLINED** socket
- female PXN12c (10 A)
  - 06A7001

**INCLINED** appliance inlet male PXN12c (10 A)
- 06A9001

**COUPLER** socket
- female PXN12c (10 A)
  - M25 06A300125M 9-16 mm
  - M32 06A3001 12-21 mm

**WALL** mounting appliance inlet male PXN12c (10 A)
- M25 06A600125M 9-16 mm
- M32 06A6001 12-21 mm

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**INFOS +**

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.
### WALL MOUNTING SOCKET DXN25c

**Label: WALL MOUNTING SOCKET**

- **Type:** DXN25c
- **Rated current:** 10 A
- **Ambient temperature:** -40 °C to +60 °C
- **Flexible wiring (min-max):** 1-2,5 mm²
- **Wiring (terminals):** crimping
- **IP protection lid closed:** IP66/IP67
- **Protection mode:** e or i, tb
- **ATEX zones:** 1 & 2, 21 & 22
- **Shock resistance:** IK09
- **Keying positions:** 3

#### Main Features

- **Rated current (with wiring according to standard):** 4-20 mA/10 A
- **Ambient temperature:** -40 °C to +60 °C
- **Maximum voltage:** 440 V
- **Flexible wiring (min-max):** 1-2,5 mm²
- **Number of contacts:** 24C+E
- **Wiring (terminals):** crimping
- **IP protection lid closed:** IP66/IP67
- **Protection mode:** e or i, tb
- **ATEX zones:** 1 & 2, 21 & 22
- **Shock resistance:** IK09
- **Keying positions:** 3

#### Wall Mounting Socket

- **Female:** DXN25c (10 A)
- **Male:** DXN25c (10 A)

<table>
<thead>
<tr>
<th>Socket Type</th>
<th>Model</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>WALL</td>
<td>M32</td>
<td>12-21 mm</td>
</tr>
<tr>
<td></td>
<td>M40</td>
<td>16-27 mm</td>
</tr>
<tr>
<td>INCLINED</td>
<td>M32</td>
<td>12-21 mm</td>
</tr>
<tr>
<td></td>
<td>M40</td>
<td>16-27 mm</td>
</tr>
</tbody>
</table>

#### Plug DXN25c

- **Model:** 36D1002

#### COUPLER

- **Socket:** DXN25c (10 A)
- **Model:** 36D3002

#### INFOS +

- Each product is supplied with 2 bags of 13 contacts depending on the maximum configuration.
- This allows you to set up the product to suit your needs.
- Delivered with padlocking shaft.

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*MARECHAL ELECTRIC FRANCE*

- Ex e IIC Gb
- Ex ia or ib IIC T6 Gb
- IECEx LCIE 14.0040X/LCIE 09 ATEX 3050X

-40 °C ≤ Ta ≤ +40 °C T6 T51 °C

-40 °C ≤ Ta ≤ +60 °C T6 T71 °C

Ex ia or ib IIC T6 Gb

IECEx LCIE 14.0040X/LCIE 09 ATEX 3050X
## MAIN FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated current (with wiring according to standard)</td>
<td>10 A</td>
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<tr>
<td>Maximum voltage</td>
<td>230 V</td>
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<tr>
<td>Number of contacts</td>
<td>36C+E</td>
</tr>
<tr>
<td>IP protection lid closed</td>
<td>IP66/IP67</td>
</tr>
<tr>
<td>IP protection plug connected</td>
<td>IP66/IP67</td>
</tr>
<tr>
<td>Shock resistance</td>
<td>IK09</td>
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<tr>
<td>Ambient temperature</td>
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<td>Protection mode</td>
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<tr>
<td>ATEX zones</td>
<td>1 &amp; 2, 21 &amp; 22</td>
</tr>
<tr>
<td>Keying positions</td>
<td>3</td>
</tr>
</tbody>
</table>

### WALL mounting socket
- Female: DXN37c (10 A)
- Male: DXN37c (10 A)

### PLUG male
- DXN37c (10 A)

### INCLINED socket
- Female: DXN37c (10 A)
- Appliance inlet male: DXN37c (10 A)

### INCLINED appliance inlet male
- DXN37c (10 A)

### COUPLER socket
- Female: DXN37c (10 A)
- Appliance inlet male: DXN37c (10 A)

### WALL mounting appliance inlet male
- DXN37c (10 A)

### INFOS +
- 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.
- Delivered with padlocking shaft.

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MARECHAL ELECTRIC FRANCE

Ex e IIC Gb Ex tb IIIC Db
-40 °C ≤ Ta ≤ +40 °C  T6  T56 °C
-40 °C ≤ Ta ≤ +55 °C  T5  T76 °C
Ex ia or lb IIC T6 Gb
IECEx LCIE 14.0038X/LCIE 07 ATEX 6071X
Assembly
To insert contacts when they have been wired is simple. Push wired contact into rear of insulator until it stops to complete the installation.

Disassembly
To remove, use the tool provided. Push tool from front onto contact until tool stops. Contact is then released at rear of insulator.

Fast wiring
- Cable conductors: 1 mm² to 2.5 mm².
- Before wiring, equip each conductor with a heat-shrink sleeve or an insulating sleeve.
- After wiring, cover the visible portion of the contact with the sleeve.
- Crimp the contact with a KNIPEX crimping tool P/N° 61CA500 or a GREENLEE crimping tool P/N° 45505.
- Use the 4 mm² footprint whatever the conductor cross-section.
- Perform a double crimping in compliance with CEI 60352-2 standard.
- Conductors can equally be soldered.
**DIMENSIONS**

<table>
<thead>
<tr>
<th></th>
<th>A1</th>
<th>B1</th>
<th>D</th>
<th>D2</th>
<th>CA</th>
<th>E1</th>
<th>E2</th>
<th>Ød*</th>
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</thead>
<tbody>
<tr>
<td><strong>DXN25c/DXN37c</strong></td>
<td>299</td>
<td>200</td>
<td>114</td>
<td>136</td>
<td>110</td>
<td>94</td>
<td>70</td>
<td>6,5</td>
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<td><strong>PXN12c</strong></td>
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*Ød*: maximum drilling diameter.

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<th>Ød*</th>
<th>ØD max</th>
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<td><strong>DXN25c/DXN37c</strong></td>
<td>239</td>
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<td>107</td>
<td>63</td>
<td>95</td>
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<td>60</td>
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<tr>
<td><strong>PXN12c</strong></td>
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<td>189</td>
<td>77</td>
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<td>D</td>
<td>D2</td>
<td>E1</td>
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