



ITEMS	THx.387.Gxx.x THx.387.Qxx	THx.387.Nxx.x/Lxx.x THx.387.Pxx/Mxx	THx.387.Exx.x/Cxx.x THx.387.Fxx/Dxx
N. Poles	2 - 3 - 4 - 5		
Terminations	Screw - Piercing* (*only versions from 2 to 4 poles)		
Thread	M16	M20	M25
Current rating	7.5A AC (IEC) 10A AC (UL/CSA) <sup>(1)</sup>		
Voltage rating	500V AC / 250V AC* (*use class II)		
IP rating	IP66/IP68 (30m/3h)		
Conductor cross-section (stranded/solid) min. - max.	2 - 3 - 4 poles: 0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup> (Screw) <sup>(2)</sup> 2 - 3 - 4 poles: 0.5 mm <sup>2</sup> - 1.5 mm <sup>2</sup> (Piercing) 5 poles: 0.25 mm <sup>2</sup> - 1.5 mm <sup>2</sup> (Screw)		
Cable diameter min. - max. <sup>(2)</sup>	7.0 mm - 12.0 / 13.5 mm		
Raw material of connector and sealing	PA66 GF UL94 V0 (connector) PA66 UL94 V2 (cable gland) Silicone		
Operative temperature	+60°C		
Reference regulations	EN61984 UL2238/C22.2 No.182.3 <sup>(3)</sup>		

<sup>(1)</sup> Visit [www.techno.it](http://www.techno.it) to identify the codes with UL certification

<sup>(2)</sup> For cables with smaller diameters scan the QR code or visit [www.techno.it](http://www.techno.it)

<sup>(3)</sup> Cable sections up to 4 mm<sup>2</sup> accepted according to indicated electrical and technical parameter

#### SAFETY NOTES

- Disconnect the power supply before starting installation.
- To prevent dust and damp/water from impairing proper functioning of the product, it is advisable to use protective caps when the connectors are not connected (for further information visit our website [www.techno.it](http://www.techno.it)).

#### WARNING



##### The connector is equipped with energized parts!

The connector is manufactured in compliance with the electrical and safety regulations. It is the responsibility of the fitter and the installer to respect the requirements in terms of safety of the system and make sure that they take all the safety measures to protect themselves from the energized parts.

#### NOTE



##### Before assembly and installation, please read the installation instructions carefully!

The proper functioning of the product is guaranteed only if these installation instructions are read and followed carefully.



Scan the QR code for more information.

#### ASSEMBLY INSTRUCTIONS

<table border="1"> <tr> <td>Cable Ø</td> <td>7.0 - 12.0 mm</td> </tr> <tr> <td>Cable sheat stripping lenght (X)</td> <td>20 mm</td> </tr> <tr> <td>Cable Ø</td> <td>7.0 - 13.5 mm</td> </tr> <tr> <td>Cable sheat stripping lenght (X)</td> <td>25 mm</td> </tr> <tr> <td>Conductor stripping lenght (Y)</td> <td>6 mm</td> </tr> </table> <p>CABLE PROCESSING</p>	Cable Ø	7.0 - 12.0 mm	Cable sheat stripping lenght (X)	20 mm	Cable Ø	7.0 - 13.5 mm	Cable sheat stripping lenght (X)	25 mm	Conductor stripping lenght (Y)	6 mm	<p>Ø cable min. - max.<sup>(2)</sup></p> <p><b>Grommet</b></p> <table border="1"> <tr> <td></td> <td>7.0 mm - 9.0 mm</td> <td rowspan="2"></td> <td>7.0 mm - 9.0 mm</td> <td rowspan="2"></td> </tr> <tr> <td></td> <td>9.0 mm - 12.0 mm</td> <td>9.0 mm - 13.5 mm</td> </tr> </table> <p>GROMMET DETAILS</p>		7.0 mm - 9.0 mm		7.0 mm - 9.0 mm			9.0 mm - 12.0 mm	9.0 mm - 13.5 mm	<p>Ø cable min. - max. (L)<sup>(2)</sup></p> <table border="1"> <tr> <td></td> <td>7.0 mm - 9.0 mm</td> <td rowspan="2"></td> <td>7.0 mm - 9.0 mm</td> <td rowspan="2"></td> </tr> <tr> <td></td> <td>9.0 mm - 12.0 mm</td> <td>9.0 mm - 13.5 mm</td> </tr> </table> <p>GROMMET DETAILS</p>		7.0 mm - 9.0 mm		7.0 mm - 9.0 mm			9.0 mm - 12.0 mm	9.0 mm - 13.5 mm	<p>RECOMMENDATIONS</p>
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<p><b>0.8Nm (2...4p)</b> <b>0.2Nm (5p)</b> <b>0.1Nm (Piercing)</b></p> <p>CONNECTION DATA</p>	<p><b>2.0 Nm</b></p> <p>CABLE GLAND ASSEMBLY</p>	<p><b>24 mm</b></p> <p><b>2.5 Nm</b></p> <p>Nut tightening wrench 6000337BC.</p> <p>TIGHTEN THE NUT</p>	<p><b>20 mm ± 0.1</b></p> <p><b>24 mm</b> <b>1.5 Nm</b></p> <p>Non-conductive walls</p> <p>Panel thickness 1.0 mm + 3.0 mm</p> <p>PANEL FIXING DETAILS M20 (N.C.)</p>																										
<p><b>19.1 mm</b></p> <p><b>20 mm ± 0.1</b></p> <p><b>24 mm</b> <b>1.5 Nm</b></p> <p><b>1.0 Nm</b></p> <p>Panel thickness 1.0 mm + 7.0 mm</p> <p>PANEL FIXING DETAILS M20</p>	<p><b>23.4 mm</b></p> <p><b>25 mm ± 0.1</b></p> <p><b>32 mm</b> <b>1.5 Nm</b></p> <p><b>1.0 Nm</b></p> <p>Panel thickness 1.0 mm + 7.0 mm</p> <p>PANEL FIXING DETAILS M25</p>	<p>For tightening the panel connector, Techno recommends using the wrench 6000480KC (5 poles) or 6000481KC (4 poles).</p> <p>TIGHTENING ACCESSORY</p>	<p><b>1.0 Nm</b></p> <p>CONNECTION</p>																										
<p>DISCONNECTION</p>	<p>Sealing cup for plug</p> <p>Sealing cup for socket</p> <p>Visit <a href="http://www.techno.it">www.techno.it</a> to check the compatibility.</p> <p>SEALING CUP COMPATIBILITY</p>	<p>Compatible with overmolded connector THC.</p> <p>Available Plug panel connector with special barrier anti-condensation.</p> <p><b>XDRY®</b></p> <p>COMPATIBILITY</p>	<p>Pay attention to the permissible bending radii during installation.</p> <p><b>r<sub>min</sub> ≥ 4xd</b></p> <p>RECOMMENDATIONS</p>																										