



THB.387.A4A.L

MADE IN ITALY



TH387 - mini-Plug&Socket connector IP66/IP68

NEW

**IP66** **IP68**



#### GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP66/IP68 Plug&Socket circular connectors
Product name (Series)	TH387 - mini-Plug&Socket connector IP66/IP68
Product configuration	Plug connector (cable-to-cable)
Type of Fixation	With quick-fix mounting clip <i>* Mounting clip to be ordered separately (code 6000302CC).</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x 113 mm (when plug-socket matched)

#### ELECTRICAL CHARACTERISTICS

Number of poles	4
Contact marking	1 - 2 - 3 - 4(E)
Type of connection	screw (M3 - max. 0.5 Nm)
Operating current	max. 17.5A (EN61984) - max. 15A (UL2238/C22.2 No. 182.3)
Operating voltage	max. 450V (EN61984) - max. 400V (UL2238/C22.2 No. 182.3)
Impulse withstand voltage	4KV

Contact our Customer Service for availability of other markings.

#### MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP66/IP68 (30m,3h)
Corrosion resistance	Salt mist, 1.000 ore, 5% salt solutions, 35°C EN60068-2-11:2000, Test Ka (168h)

Contact our Customer Service for availability of products with different IP and IK protection degrees.

#### CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup>
Wire cross-section min. - max. (Solid cable)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup>
Cable diameter min. - max.	7.0 mm - 13.5 mm
<i>* For cables with diameter For smaller cables please take the proper accessory. For cables with diameter 14.0 mm take the code 604004900.</i>	

#### MATERIAL CHARACTERISTICS

Connector housing	PA66 GF UL94 V0 GWT 960°C
Cable gland	PA66 UL94 V2 GWT 850°C
Sealing	TPE-S
Grommets	TPE-S
Contacts	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II



<b>Pollution degree</b>	2
<b>Material properties</b>	Halogen Free - Silicone Free
<b>T marking</b>	T 125°C
<b>Operating temperature range</b>	-40°C / +125°C
<b>Proof Tracking Index (PTI)</b>	PTI 175

**i** Contact our Customer Service for more information on additional tests and approvals.

#### INDUSTRY STANDARDS

<b>Standard number</b>	EN 61984:2009
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#### PACKAGING INFORMATION

<b>Packaging method</b>	not assembled components
<b>Quantity (product/box)</b>	200 products/box
<b>Unit weight</b>	18,7 gram/product
<b>Box dimension</b>	300 x 200 x 160

#### INSTALLATION INSTRUCTIONS

- Guidelines Installation PDF • 753 KB
- 606004000 IST TH387 lungo PDF • 362 KB
- IST TH387 PDF • 452 KB
- Techno AssemblyTH387 PDF • 1 MB

#### CERTIFICATIONS AND TEST REPORTS

- Certificate of compliance UL PDF • 277 KB