



## THB.387.N5A

MADE IN ITALY



TH387 - mini-Plug&Socket connector 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	Panel-mounted plug connector with fixing nut <small>* Fixing nut included in the kit.</small>
Thread	M20
Panel thickness min. - max.	1.0 mm - 9.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x (61 ÷ 76 mm) (when plug-socket matched)

### ELECTRICAL CHARACTERISTICS

Number of poles	5
Contact marking	1 - 2 - 3 - 4(E) - 5
Type of connection	screw (M2 - max. 0.2 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
<b>i</b> 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)
<b>i</b> Contact our Customer Service for availability of products with different IP and IK protection degrees.	

### CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.25 mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Wire cross-section min. - max. (Solid cable)	0.25 mm <sup>2</sup> - 1.5 mm <sup>2</sup>


### 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 (silver plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
T marking	T 125°C



**Operating temperature range** -40°C / +125°C

**Proof Tracking Index (PTI)** PTI 175

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

#### INDUSTRY STANDARDS

**Standard number** EN 61984:2009

#### PACKAGING INFORMATION

**Packaging method** not assembled components

**Quantity (product/box)** 200 products/box

**Unit weight** 15,1 gram/product

**Box dimension** 300 x 200 x 160

#### INSTALLATION INSTRUCTIONS

- Guidelines Installation PDF • 753 KB
- 606002031 TH387 parete v02 Lungo PDF • 474 KB
- IST TH387 parete v02 PDF • 691 KB
- Techno AssemblyTH387 PDF • 1 MB

#### CERTIFICATIONS AND TEST REPORTS

- • 277 KB