



## THB.387.B5A

TH387 - mini-Plug&Socket connector IP66/IP68

MADE IN ITALY



**IP68 IP66**



### 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	Socket 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 85 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
Operating voltage	max. 450V AC
Impulse withstand voltage	4KV

**i** 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)

**i** 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>
Cable diameter min. - max.	7.0 mm - 12.0 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 (silver plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free

### INSTALLATION INSTRUCTIONS

- 606004000 IST TH387 lungo PDF • 362 KB
- IST TH387 PDF • 452 KB

### CERTIFICATIONS AND TEST REPORTS

- CE-TH387 DOCX • 352 KB
- TH387 CA0205037 PDF • 316 KB

### MARKETING COLLATERALS

- cartolina 210x105 ita 2 PDF • 82 KB
- maggiopubblicita PDF • 1 MB
- Pannello 2 PDF • 365 KB

### DRAWINGS

- THB387B5A STEP  
• 4 KB • CONFIDENTIAL DOCUMENT



<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>	18,2 gram/product
<b>Box dimension</b>	300 x 200 x 160