



## THB.387.E5A

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	Panel-mounted plug connector with fixing nut <i>- Fixing nut included in the kit.</i>
Thread	M25
Panel thickness min. - max.	1.0 mm - 7.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x (51 ÷ 66 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

 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)	0.25 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

### INSTALLATION INSTRUCTIONS

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

### 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

- THB387E5A STEP  
• 4 MB •  CONFIDENTIAL DOCUMENT



Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 175

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

#### INDUSTRY STANDARDS

Standard number	EN 61984:2009
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#### PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	200 products/box
Unit weight	19,5 gram/product
Box dimension	400 x 210 x 170