



THB.387.F5A

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 socket 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 55 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 ² - 1.5 mm ² |
| Wire cross-section min. - max. (Solid cable) | 0.25 mm ² - 1.5 mm ² |

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

- THB387F5ASTEPPDF • 3 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 |
|-----------------|---------------|

PACKAGING INFORMATION

| | |
|------------------------|--------------------------|
| Packaging method | not assembled components |
| Quantity (product/box) | 200 products/box |
| Unit weight | 19,4 gram/product |
| Box dimension | 400 x 210 x 170 |