



THB.385.A3D

MADE IN ITALY



TH385 - mini-Plug&Socket connector panel-mounted IP66/IP68



GENERAL DESCRIPTION

| | |
|-----------------------------|---|
| Type of installation | Plug and Socket connector |
| Type of product (Family) | TEEPLUG® - IP68 Plug&Socket circular connectors |
| Product name (Series) | TH385 - mini-Plug&Socket connector panel-mounted IP66/IP68 |
| Product configuration | Panel-mounted plug connector with fixing nut * Fixing nut included in the kit. |
| Thread | M20 |
| Panel thickness min. - max. | 1.0 mm - 4.0 mm |
| Colour | Black (Plastic components) - Techno green (Rubber components) |
| Outer dimension | Φ 27 mm x 72 mm (when plug-socket matched) |

ELECTRICAL CHARACTERISTICS

| | |
|---|--------------------------|
| Number of poles | 3 |
| Contact marking | L - N - E |
| Type of connection | screw (M3 - max. 0.5 Nm) |
| Operating current | max. 17.5A |
| Operating voltage | max. 400V AC |
| Impulse withstand voltage | 4KV |
| <i>📌 Contact our Customer Service for availability of other markings.</i> | |

MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Protection against solid/water (IP) | IP68 (5m,3h) |
| Protection against impact (IK) | IK08 |
| 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.</i> | |

CABLE CHARACTERISTICS

| | |
|---|---|
| Wire cross-section min. - max. (Stranded cable) | 0.5 mm ² - 4.0 mm ² |
| Wire cross-section min. - max. (Solid cable) | 0.5 mm ² - 4.0 mm ² |

MATERIAL CHARACTERISTICS

| | |
|----------------------------|----------------------------|
| Body | PA66 UL94 V2 GWT 850°C |
| Connector housing | PA66 GF UL94 V0 GWT 960°C |
| Cable gland | PA66 UL94 V2 GWT 850°C |
| Sealing | Silicone |
| Grommets | TPE |
| Contacts | CuZn (nickel plated) |
| Screws | Steel (rivestimento Zinco) |
| Impulse withstand category | II |
| Pollution degree | 2 |



| | |
|-----------------------------|----------------|
| Material properties | Halogen Free |
| T marking | T 85°C |
| 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 | 17 gram/product |
| Box dimension | 400 x 210 x 170 |

INSTALLATION INSTRUCTIONS

- IST TH380-382-384-385 v01 PDF • 582 KB
- IST TH380-382-384-385 v01 PDF • 582 KB
- Guidelines Installation PDF • 753 KB

CERTIFICATIONS AND TEST REPORTS

- CE-TH384 DOC • 205 KB
- TH384 CA0204851 PDF • 651 KB
- CE-TH385 DOC • 132 KB
- TH385 CA0204850 PDF • 664 KB

MARKETING COLLATERALS

- pannello techno 06 vert 80x120 LOW
PDF • 635 KB

DRAWINGS

- THB385A3DSTEP
• 769 KB • CONFIDENTIAL DOCUMENT