# THR.384.S3A

TH384 - mini-Plug&Socket connector IP66/IP68

MADE IN ITALY

KIT

IP68 IP66



## GENERAL DESCRIPTION

| | |
|---|---|
| **Type of installation** | Plug and Socket connector |
| **Type of product (Family)** | TEEPLUG® - IP68 Plug&Socket circular connectors |
| **Product name (Series)** | TH384 - mini-Plug&Socket connector IP66/IP68 |
| **Product configuration** | Plug+Socket connector (cable-to-cable)<br>*• Plug&Socket connectors included in the kit. Accessorieses included in the kit.* |
| **Type of Fixation** | With quick-fix mounting clip<br>*• Mounting clip to be ordered separately (code 6000302CC).* |
| **Colour** | Black (Plastic components) - Techno green (Rubber components) |
| **Outer dimension** | Φ 27 mm x 95 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 |

*Contact our Customer Service for availability of other markings.*

## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| **Protection against solid/water (IP)** | IP66/IP68 (50m,24h) |
| **Protection against impact (IK)** | IK08 |
| **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)** | 0.5 $mm^2$ - 4.0 $mm^2$ |
| **Wire cross-section min. - max. (Solid cable)** | 0.5 $mm^2$ - 4.0 $mm^2$ |
| **Cable diameter min. - max.** | 5.0 mm - 12.0 mm<br>*• Accessories e riduzioni per cavi incluse nella confezione.* |

## 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) |

## INSTALLATION INSTRUCTIONS

- IST TH380-382-384-385 v01 PDF • 582 KB

## CERTIFICATIONS AND TEST REPORTS

- CE-TH384 DOC • 205 KB
- TH384 CA0204851 PDF • 651 KB
- • 273 KB

## MARKETING COLLATERALS

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



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| | |
|---|---|
| **Impulse withstand category** | II |
| **Pollution degree** | 2 |
| **Material properties** | Halogen Free - Silicone Free |
| **T marking** | T 85°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** | single packed unit |
| **Quantity (product/bag)** | 1 product/bag |
| **Quantity (product/box)** | 50 bags/box |
| **Unit weight** | 68,5 gram/bag |
| **Box dimension** | 400 x 210 x 170 |

*Accessorieses and installation instructions included in the kit.*

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