



TH387 - mini-Plug&Socket connector IP66/IP68

**IP66 IP68**       



#### 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

*\* Mounting clip to be ordered separately (code 6000302CC).*

##### 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

4

##### Contact marking

1 - 2 - 3 - 4(E)

##### Type of connection

screw (M3 - max. 0.5 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)

0.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup>

### Wire cross-section min. - max. (Solid cable)

0.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup>

### Cable diameter min. - max.

7.0 mm - 12.0 mm

*\* For cables with diameter For smaller cables please take the proper accessory. For cables with diameter 14.0 mm take the code 604004900.*

## 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 (nickel plated)

### Screws

Steel (rivestimento Zinco)

### Impulse withstand category

II

### Pollution degree

2

### Material properties

Halogen Free - Silicone Free

### T marking


T 125°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

not assembled components

### Quantity (product/box)

200 products/box

### Unit weight

18,8 gram/product

### Box dimension

300 x 200 x 160

## INSTALLATION INSTRUCTIONS

- [606004000 IST TH387 lungo](#) PDF • 362 KB
- [IST TH387](#) PDF • 452 KB
- [Techno AssemblyTH387](#) PDF • 1 MB

- Guidelines Installation PDF • 753 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

- THB387B4ASTEP  
• 3 MB •  CONFIDENTIAL DOCUMENT