



THB.387.A4A

TH387 - mini-Plug&Socket connector IP66/IP68

MADE IN ITALY



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	Plug connector (cable-to-cable)
Type of Fixation	With quick-fix mounting clip <i>* Mounting clip to be ordered separately (code 6000302CC).</i>
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

i 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)

i 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.	7.0 mm - 12.0 mm <i>* For cables with diameter For smaller cables please take the proper accessory.</i>

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

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

- THB387A4ASTEP
• 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	18,7 gram/product
-------------	-------------------

Box dimension	300 x 200 x 160
---------------	-----------------