THB.387.A3A

TH387 - mini-Plug&Socket connector IP66/IP68

MADE IN ITALY

TEE PLUG

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	Plug 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	3
Contact marking	1 - 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^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 • *For cables with diameter For smaller cables please take the proper accessory.*

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

CERTIFICATIONS AND TEST REPORTS

- CE-TH387 DOCX • 352 KB
- TH387 CA0205037 PDF • 316 KB

MARKETING COLLATERALS

- cartolina 210x105 ita 2 PDF • 82 KB
- maggiopubblicitn PDF • 1 MB
- Pannello 2 PDF • 365 KB

DRAWINGS

- THB387A3ASTEP
  • 3 MB • CONFIDENTIAL DOCUMENT

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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	17 gram/product
Box dimension	300 x 200 x 160

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