



THP.387.A2A

TH387 - mini-Plug&Socket connector IP66/IP68

MADE IN ITALY



PIERCING



INSTALLATION INSTRUCTIONS

- 606004000 IST TH387 lungo PDF • 362 KB
- IST TH387 PDF • 452 KB

DRAWINGS

- THB387A3ASTEP
• 4 KB • CONFIDENTIAL DOCUMENT

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	2
Contact marking	1 - 3
Type of connection	insulation piercing screw (M3 - max. 1.0 Nm) <i>• The piercing solution is ideal for PVC, Neoprene and FEP cables.</i>
Operating current	max. 17.5A
Operating voltage	max. 450V AC
Impulse withstand voltage	4KV

Contact our Customer Service for availability of other markings. The connector can be used for Classe 2 devices up to 250V AC (EN60598-1:2008-10).

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 - 1.5 mm ² <i>• You can wire quickly with the insulation piercing system without stripping the conductor insulation. Suitable for cables from 0.5mm² to 1.5mm² (max. 17.5A).</i>
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 Ottone)
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

i Contact our Customer Service for more information on additional tests and approvals.

INDUSTRY STANDARDS

Standard number	EN 61984:2009
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PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	200 products/box
Unit weight	15,4 gram/product
Box dimension	300 x 200 x 160