



THB.387.B5A.L

MADE IN ITALY



TH387 - mini-Plug&Socket connector IP66/IP68

NEW

IP66 **IP68** **CE**



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 <i>* Mounting clip to be ordered separately (code 6000302CC).</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x 113 mm (when plug-socket matched)

ELECTRICAL CHARACTERISTICS

Number of poles	5
Contact marking	1 - 2 - 3 - 4(E) - 5
Type of connection	screw (M2 - max. 0.2 Nm)
Operating current	max. 17.5A (EN61984) - max. 10A (UL2238/C22.2 No. 182.3)
Operating voltage	max. 450V (EN61984) - max. 400V (UL2238/C22.2 No. 182.3)
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)	0.25 mm ² - 1.5 mm ²
Wire cross-section min. - max. (Solid cable)	0.25 mm ² - 1.5 mm ²
Cable diameter min. - max.	7.0 mm - 13.5 mm
<i>* For cables with diameter For smaller cables please take the proper accessory. For cables with diameter 14.0 mm take the code 604004900.</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 (silver 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
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PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	200 products/box
Unit weight	18,2 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

- [E355693-20161219-CertificateofCompliance](#) PDF • 277 KB