techno®
TECHNOLOGY & INNOVATION

THB.387.B4A.L

TEE PLUG

TH387 - mini-Plug&Socket connector IP66/IP68

NEW

IP66 IP68 SF Silicon Free HF Halogen Free lead-free RoHS 2015/65/EU CE c UL us

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 113 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 (EN61984) - max. 15A (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)	0.5 mm² - 4.0 mm²
Wire cross-section min. - max. (Solid cable)	0.5 mm² - 4.0 mm²
Cable diameter min. - max.	

7.0 mm - 13.5 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

- Guidelines Installation   PDF • 753 KB
- 606004000 IST TH387 lungo   PDF • 362 KB
- IST TH387   PDF • 452 KB
- Techno AssemblyTH387   PDF • 1 MB

CERTIFICATIONS AND TEST REPORTS

- Certificate of compliance UL   PDF • 277 KB

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