



TH387 - mini-Plug&Socket connector IP66/IP68

NEW KIT

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+Socket connector (cable-to-cable) <i>* Plug&Socket connectors included in the kit. Accessories included in the kit.</i>
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	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 mm ² - 4.0 mm ² <i>* min. 2x4.0mm² / max. 4x2.5mm²</i>
Wire cross-section min. - max. (Solid cable)	0.5 mm ² - 4.0 mm ² <i>* min. 2x4.0mm² / max. 4x2.5mm²</i>
Cable diameter min. - max.	6.0 mm - 13.5 mm <i>* Accessories e riduzioni per cavi incluse nella confezione. 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
Grommets	TPE
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
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PACKAGING INFORMATION

Packaging method	single packed unit
Quantity (product/bag)	1 product/bag
Quantity (product/box)	50 bags/box
Unit weight	64,1 gram/bag
Box dimension	400 x 210 x 170

 *Accessories and installation instructions included in the kit.*

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

- • 277 KB