



THB.384.B1A

MADE IN ITALY



TH384 - mini-Plug&Socket connector IP66/IP68

**IP66** **IP68**



#### GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH384 - mini-Plug&Socket connector IP66/IP68
Product configuration	Socket connector (cable-to-cable)
Type of Fixation	With quick-fix mounting clip <i>* Supporto da ordinare separatamente (code 6000302CC).</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 27 mm x 95 mm (when plug-socket matched)

#### ELECTRICAL CHARACTERISTICS

Number of poles	3
Contact marking	L - N - E
Type of connection	screw (M3 - max. 0.5 Nm)
Operating current	max. 17.5A (EN61984) - max. 20A (UL2238/C22.2 No. 182.3)
Operating voltage	max. 400V AC
Impulse withstand voltage	4KV

Contact our Customer Service for availability of other markings.

#### MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP66/IP68 (50m,24h)
Protection against impact (IK)	IK08
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 <sup>2</sup> - 4.0 mm <sup>2</sup> (12 AWG)
Wire cross-section min. - max. (Solid cable)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup> (12 AWG)
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

Body	PA66 UL94 V2 GWT 850°C
Connector housing	PA66 GF UL94 V0 GWT 960°C
Cable gland	PA66 UL94 V2 GWT 850°C
Sealing	TPE
Grommets	TPE
Contacts	CuZn (silver plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II



<b>Pollution degree</b>	2
<b>Material properties</b>	Halogen Free - Silicone Free
<b>T marking</b>	T 85°C
<b>Operating temperature range</b>	-40°C / +125°C
<b>Proof Tracking Index (PTI)</b>	PTI 175

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

#### INDUSTRY STANDARDS

<b>Standard number</b>	EN 61984:2009 - UL2238/C22.2 No. 182.3
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#### PACKAGING INFORMATION

<b>Packaging method</b>	not assembled components
<b>Quantity (product/box)</b>	200 products/box
<b>Unit weight</b>	23,9 gram/product
<b>Box dimension</b>	400 x 210 x 170

#### INSTALLATION INSTRUCTIONS

- [IST TH380-382-384-385 v01](#) PDF • 582 KB
- [Guidelines Installation](#) PDF • 753 KB

#### CERTIFICATIONS AND TEST REPORTS

- [273 KB](#)
- [CE-TH384](#) DOC • 205 KB
- [TH384 CA0204851](#) PDF • 651 KB

#### MARKETING COLLATERALS

- [pannello techno 06 vert 80x120 LOW](#)  
PDF • 635 KB

#### DRAWINGS

- [THB384B1ASTEP](#)  
• 1 MB •  CONFIDENTIAL DOCUMENT