



THB.381.A2A

MADE IN ITALY



TH381 - micro-Plug&Socket connector IP68/IP69K

NEW



GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68/IP69K Plug&Socket circular connectors
Product name (Series)	TH381 - micro-Plug&Socket connector IP68/IP69K
Product configuration	Connettore Spina
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 14 mm x 90 mm

ELECTRICAL CHARACTERISTICS

Number of poles	2
Contact marking	1 - 2
Type of connection	screw (M2 - max. 0.2 Nm)
Operating current	10A AC/DC
Operating voltage	400V AC (12V-60V DC)
Impulse withstand voltage	2.5kV

MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (30m/1h)/IP69K
Corrosion resistance	Salt mist test : EN60068-2-11:2000
Connection and disconnection cycles	100 cycles

CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.25 mm ² - 1.0 mm ²
Cable diameter min. - max.	5.8 mm - 6.9 mm

MATERIAL CHARACTERISTICS

Connector housing	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
Sealing	TPE
Grommets	TPE
Contacts	Ottone (CuZn)
Screws	Steel (CuZn)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 175

INDUSTRY STANDARDS

Standard number	EN 61984:2009 / EN61535
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PACKAGING INFORMATION

Packaging method	componenti non assemblati
Quantity (product/box)	200 pz
Unit weight	7,77 gr
Box dimension	290x187x156 mm

INSTALLATION INSTRUCTIONS

- Techno AssemblyTH381 PDF • 1,015 KB
- Guidelines Installation PDF • 753 KB

DOCUMENTATION

- MICRON-NECT brochure ENG PDF • 3 MB

MARKETING COLLATERALS

- Pagina ADV Techno M 2 EN PDF • 2 MB