



THC.381.A3E.L2

MADE IN ITALY

TH381 - micro-Connector Plug overmolded



GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH381 - micro-Connettore Spina sovrastampato
Product configuration	Connettore Spina
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Ø14 / cavo L 2MT (cable H05RN-F)

ELECTRICAL CHARACTERISTICS

Number of poles	3
Contact marking	L-N-E
Operating current	10A AC
Operating voltage	500V AC
Impulse withstand voltage	2.5kV

MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP66/IP68 (30m/1h)
Corrosion resistance	Salt mist test : EN60068-2-11:2000
Connection and disconnection cycles	100 cycles

CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.75 mm ²
Cable diameter min. - max.	max 8.0 mm

MATERIAL CHARACTERISTICS

Connector housing	PA66 GF UL94 V0
Sealing	TPE
Grommets	TPE
Contacts	Ottone (silver plated)
Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
Operating temperature range	-40°C / +60°C
Proof Tracking Index (PTI)	PTI 175

PACKAGING INFORMATION

Packaging method	componenti non assemblati
Quantity (product/box)	200 pz
Box dimension	400x400x230 mm

INSTALLATION INSTRUCTIONS

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