



techno THC.381.B2A.L1 Micro-Connector Socket Overmolded Instructions

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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 Presa
Color	Black (Plastic components) – Techno green (Rubber components)	
Outer dimension	Ø14 / cavo L 1MT (cable H05RN-F)	

ELECTRICAL CHARACTERISTICS

Number of poles	2	
Contact marking	1 – 2	
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)
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 mm²
Cable diameter min. – max.	max 7.0 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

606002032 TH381 PDF • 649 KB

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References

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