



THB.405.A8A

MADE IN ITALY

TH405 - Plug&Socket connector IP68



GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH405 - Plug&Socket connector IP68
Product configuration	Connettore Spina
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 36.5 mm x 130 mm (when plug-socket matched)

ELECTRICAL CHARACTERISTICS

Number of poles	8
Contact marking	1-2-3-4-5-6-7-E
Type of connection	screw (M2 - max. 0.2 Nm)
Operating current	max. 10A AC/DC
Operating voltage	max. 400V AC (60V DC)
Impulse withstand voltage	2.5kV

MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (10m/1h)
Protection against impact (IK)	IK08
Corrosion resistance	Salt mist test : EN60068-2-11:2000

CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.25 mm ² - 1.0 mm ²
Cable diameter min. - max.	7.0 mm - 13.5 mm

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 (nickel plated)
Screws	Steel (rivestimento Zinco)
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
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PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	200 pz
Box dimension	400x400x230 mm



INSTALLATION INSTRUCTIONS

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