



techno THB.405.A8A Plug and Socket Connector Instruction Manual

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techno THB.405.A8A Plug and Socket Connector



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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)	TH405 – Plug & Socket connector IP68
Product configuration	Connettore Spina
Colour	Black (Plastic components) – Techno green (Rubber components)

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	10A AC/DC
Operating voltage	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 – 1.0 mm
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	Ottone (nickel plated)
Screws	Steel
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

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

INSTALLATION INSTRUCTIONS

- [606001600 TH405 PDF • 700 KB](#)





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THB.405.A8A Plug and Socket Connector, THB.405.A8A, Plug and Socket Connector, Socket
Connector, Connector

References

- [Techno](#)
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