THR.405.S5A

TH405 - Plug&Socket connector IP68

MADE IN ITALY

KIT

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	Plug+Socket connector (cable-to-cable) *• Plug&Socket connectors included in the kit. Accessorieses included in the kit.*
Type of Fixation	With quick-fix mounting clip *• Mounting clip to be ordered separately (code 6000302CC).*
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	5
Contact marking	1 - 2 - E - L - N
Type of connection	screw (M3 - max. 0.5 Nm)
Operating current	max. 17.5A
Operating voltage	max. 400V AC
Impulse withstand voltage	6KV

Contact our Customer Service for availability of other markings.

MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (10m,1h)
Protection against impact (IK)	IK08
Corrosion resistance	Salt mist, 1.000 ore, 5% salt solutions, 35°C EN60068-2-11:2000, Test Ka (168h)

Contact our Customer Service for availability of products with different IP and IK protection degrees.

CABLE CHARACTERISTICS

Wire cross-section min. - max. (Stranded cable)	0.5 mm^2 - 4.0 mm^2
Wire cross-section min. - max. (Solid cable)	0.5 mm^2 - 4.0 mm^2
Cable diameter min. - max.	6.0 mm - 14.0 mm *• Accessories e riduzioni per cavi incluse nella confezione.*

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 (silver plated)
Screws	Steel (rivestimento Zinco)

INSTALLATION INSTRUCTIONS

- IST TH405-406-408-409 v01 PDF • 776 KB

CERTIFICATIONS AND TEST REPORTS

- TH405 CA0202627 5-6 poli PDF • 322 KB
- CE-TH405 2-3-5-6 DOC • 131 KB
- TH405 CA0202626 2-3 poli PDF • 299 KB
- Certificate of conformity UL PDF • 273 KB

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Impulse withstand category	II
Pollution degree	2
Material properties	Halogen Free - Silicone Free
T marking	T 125°C
Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 175

Contact our Customer Service for more information on additional tests and approvals.

INDUSTRY STANDARDS

Standard number	EN 61984:2009

PACKAGING INFORMATION

Packaging method	single packed unit
Quantity (product/bag)	1 product/bag
Quantity (product/box)	50 bags/box
Unit weight	99,7 gram/bag
Box dimension	400 x 230 x 400

Accessorieses and installation instructions included in the kit.

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