



THR.405.S3B

MADE IN ITALY



TH405 - Plug&Socket connector IP68

KIT



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) <i>• Plug&Socket connectors included in the kit. Accessories included in the kit.</i>
Type of Fixation	With quick-fix mounting clip <i>• Mounting clip to be ordered separately (code 6000302CC).</i>
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	3
Contact marking	L - N - E
Type of connection	screw (M3 - max. 0.5 Nm)
Operating current	max. 25A
Operating voltage	max. 400V AC
Impulse withstand voltage	4KV

i 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)

i 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 <i>• Tested positively up to 32A with cable of cross-section 4mm².</i>
Wire cross-section min. - max. (Solid cable)	0.5 mm ² - 4.0 mm ² <i>• Tested positively up to 32A with cable of cross-section 4mm².</i>
Cable diameter min. - max.	6.0 mm - 14.0 mm <i>• Accessorie e riduzioni per cavi incluse nella confezione.</i>

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

INDUSTRY STANDARDS

Standard number	EN 61984:2009
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PACKAGING INFORMATION

Packaging method	single packed unit
Quantity (product/bag)	1 product/bag
Quantity (product/box)	50 bags/box
Unit weight	90,9 gram/bag
Box dimension	400 x 230 x 400
i Accessories and installation instructions included in the kit.	

INSTALLATION INSTRUCTIONS

- [IST TH405-406-408-409 v01](#) PDF • 776 KB
- [Guidelines Installation](#) PDF • 753 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