



## THR.406.S3B

MADE IN ITALY



TH406 - Plug&Socket connector panel-mounted IP68

KIT



### GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEPLUG® - IP68 Plug&Socket circular connectors
Product name (Series)	TH406 - Plug&Socket connector panel-mounted IP68
Product configuration	Connettore Presa+Spina <small>* Plug&amp;Socket connectors included in the kit. Fixing nut and accessories included in the kit.</small>
Thread	M28
Panel thickness min. - max.	max 12.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)

### ELECTRICAL CHARACTERISTICS

Number of poles	3
Contact marking	L - N - E
Type of connection	screw (M3 - max. 0.8 Nm)
Operating current	25A
Operating voltage	400V AC
Impulse withstand voltage	4KV

### 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)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup>
Cable diameter min. - max.	6.0 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	Silicone
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**

Standard number	EN 61984:2009
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**PACKAGING INFORMATION**

Packaging method	single packed unit
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Quantity (product/box)	50 pz
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Unit weight	106,8
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Box dimension	400x400x230 mm
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**INSTALLATION INSTRUCTIONS**

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

**CERTIFICATIONS AND TEST REPORTS**

- [CE-TH406 2-3-5-6](#) DOC • 131 KB
- [TH406 CA0202680 2-3 poli](#) PDF • 305 KB
- [TH406 CA0202679 2-3-5-6 poli](#) PDF • 327 KB
- • 273 KB

**MARKETING COLLATERALS**

- [maggiopubblicita](#) PDF • 1 MB