



THH.631.B5A

MADE IN ITALY



TH631 - Current distributor 3 ways type "T"

IP65



GENERAL DESCRIPTION

Type of installation	Plug and Socket connector
Type of product (Family)	TEEBOX® Current Distributors - IP68 Junction boxes pre-wired with plug&socket connectors
Product name (Series)	TH631 - Current distributor 3 vie tipo "T"
Product configuration	Junction box with plug and socket connectors * Connettori presa-spina inclusi nell'imballo
Type of Fixation	With fixing screws on flat surface
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	235 mm x 159 mm x 43 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)	IP65
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.	7.0 mm - 14.0 mm (main cable) 7.0 mm - 14.0 mm (branch cable) * For cables with diameter For smaller cables please take the proper accessory.

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	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Impulse withstand category	II
Pollution degree	2



Material properties	Halogen Free
T marking	T 85°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	not assembled components
Quantity (product/box)	50 products/box
Unit weight	252,7 gram/product
Box dimension	600 x 270 x 400

INSTALLATION INSTRUCTIONS

- IST TH630-631 v01 PDF • 524 KB
- Guidelines Installation PDF • 753 KB

CERTIFICATIONS AND TEST REPORTS

- TH631 Nemko EN60529 IP65 PDF • 955 KB
- CE-TH631 DOC • 197 KB
- TH631 Nemko EN60998 PDF • 485 KB
- TH631 Nemko EN60998 24A PDF • 404 KB

MARKETING COLLATERALS

- Pannello 6 PDF • 388 KB
- PUBBdistributori PDF • 2 MB

DRAWINGS

- THH630B6ASTEP
ZIP • 6 MB • CONFIDENTIAL DOCUMENT