



## THB.391.L4A.L

MADE IN ITALY



TH391 - In-line circular mini-joint connector type "I" IP68/IP69K

NEW



IP68 IP69K



### GENERAL DESCRIPTION

Type of installation	Joint connector (re-usable/re-accessible)
Type of product (Family)	TEETUBE® - In-line and junction circular connectors IP68/IP69K
Product name (Series)	TH391 - In-line circular mini-joint connector tipo "I" IP68/IP69K
Product configuration	Panel-mounted connector with fixing nut <small>* Fixing nut included in the kit.</small>
Thread	M25
Panel thickness min. - max.	1.0 mm - 7.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x 53 mm

### ELECTRICAL CHARACTERISTICS

Number of poles	4
Contact marking	1 - 2 - 3 - 4(E)
Type of connection	screw (M3 - max. 0.5 Nm)
Operating current	max. 32A
Operating voltage	max. 450V AC

**i** Contact our Customer Service for availability of other markings.

### MECHANICAL CHARACTERISTICS

Protection against solid/water (IP)	IP68 (30m,2h)/IP69K
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 <sup>2</sup> - 4.0 mm <sup>2</sup>
Wire cross-section min. - max. (Solid cable)	0.5 mm <sup>2</sup> - 4.0 mm <sup>2</sup>
Cable diameter min. - max.	7.0 mm - 13.5 mm

\* For cables with diameter For smaller cables please take the proper accessory. For cables with diameter 14.0 mm take the code 604004900.

### MATERIAL CHARACTERISTICS

Connector housing	PA66 GF UL94 V0 GWT 960°C
Cable gland	PA66 UL94 V2 GWT 850°C
Sealing	TPE
Grommets	TPE
Contacts	CuZn (nickel plated)
Screws	Steel (rivestimento Zinco)
Material properties	Halogen Free - Silicone Free
T marking	T 85°C
Operating temperature range	-40°C / +125°C



**Proof Tracking Index (PTI)** PTI 250

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

#### INDUSTRY STANDARDS

**Standard number** EN 60998-1:2004

#### PACKAGING INFORMATION

**Packaging method** not assembled components

**Quantity (product/box)** 200 products/box

**Unit weight** 25,6 gram/product

**Box dimension** 400 x 210 x 170

#### INSTALLATION INSTRUCTIONS

- Guidelines Installation PDF • 753 KB
- Installation Sheet TH391 LineareParete NEW PDF • 691 KB
- Installation Sheet TH391 LineareParete Lungo NEW PDF • 532 KB