



THB.391.H4A

MADE IN ITALY



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



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
Product configuration	Panel-mounted connector with fixing nut <i>* Fixing nut included in the kit.</i>
Thread	M20
Panel thickness min. - max.	1.0 mm - 9.0 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x 48 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)
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
Wire cross-section min. - max. (Solid cable)	0.5 mm ² - 4.0 mm ²
Cable diameter min. - max.	7.0 mm - 12.0 mm <i>* For cables with diameter For smaller cables please take the proper accessory.</i>

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 21,6 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 Lung
o NEW](#) PDF • 532 KB