

THB.391.B4A.L

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

MADE IN ITALY



NEW



IP69K 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/IP69K
Product configuration	Panel-mounted connector with fixing nut • Fixing nut included in the kit.
Thread	M20 (only for non-conductive panel or Classe III - SELV devices)
Panel thickness min. - max.	1.0 mm - 3.5 mm
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x 50 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 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 - 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

INSTALLATION INSTRUCTIONS

- Installation Sheet TH391 LineareParete NEW
PDF • 691 KB
- Installation Sheet TH391 LineareParete Lung
o NEW PDF • 532 KB

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
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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