



## THP.391.A3A

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

MADE IN ITALY



### PIERCING



### INSTALLATION INSTRUCTIONS

- Guidelines Installation PDF • 753 KB
- 606003900 ISTth391v01techno NEW PDF • 2 MB
- 606003900 ISTth391v01techno Lungo NEW PDF • 453 KB

### DRAWINGS

- THB391A2-3-4ASTEP  
• 5 MB • CONFIDENTIAL DOCUMENT

### 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	In-line joint connector
Type of Fixation	With quick-fix mounting clip <i>• Mounting clip to be ordered separately (code 6000302CC).</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Outer dimension	Φ 23 mm x 68 mm

### ELECTRICAL CHARACTERISTICS

Number of poles	3
Contact marking	1 - 3 - 4(E)
Type of connection	insulation piercing screw (M3 - max. 1.0 Nm) <i>• The piercing solution is ideal for PVC, Neoprene and FEP cables.</i>
Operating current	max. 17.5A
Operating voltage	max. 450V AC

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)

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> - 1.5 mm <sup>2</sup> <i>• You can wire quickly with the insulation piercing system without stripping the conductor insulation. Suitable for cables from 0.5mm<sup>2</sup> to 1.5mm<sup>2</sup> (max. 17.5A).</i>
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 Ottone)
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
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#### PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	200 products/box
Unit weight	22,7 gram/product
Box dimension	400 x 210 x 170