



## THB.391.A4A

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

MADE IN ITALY



**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	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	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 <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 - 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

### INSTALLATION INSTRUCTIONS

- 606003900 ISTth391v01techno NEW  
PDF • 2 MB
- 606003900 ISTth391v01techno Lungo NEW  
PDF • 453 KB

### CERTIFICATIONS AND TEST REPORTS

- CE-TH391 DOCX • 352 KB
- TH391 CA0205751 resinato PDF • 290 KB
- TH391CA0205249 PDF • 2 MB

### MARKETING COLLATERALS

- X DRY A4 ita 2 PDF • 76 KB
- Pannello 1 PDF • 377 KB
- cartolina 210x105 ita 2 PDF • 82 KB
- Cameriere pag intera PDF • 2 MB

### DRAWINGS

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



**i** 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	24,7 gram/product
Box dimension	400 x 210 x 170