



THB.391.R4A

TH391 - In-line circular mini-joint connector type "I" (xDRY® anti-condensation) IP68

MADE IN ITALY



XDRY®

xDRY 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" (xDRY® anti-condensation) 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/Verde (Componenti plastici) - Verde (Componenti gomma)
Outer dimension	Φ 23 mm x 85 mm

i xDRY®: Connectors protected from water and dust (IP68) with anti-condensation barrier. The xDRY® system prevents the damp inside the cable from entering the connection and proceeding towards the device installed.

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. 17.5A
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 <i>• min. 2x4.0mm² / max. 4x1.5mm²</i>
Wire cross-section min. - max. (Solid cable)	0.5 mm ² - 4.0 mm ² <i>• min. 2x4.0mm² / max. 4x1.5mm²</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)

INSTALLATION INSTRUCTIONS

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

- THB391R4ASTEP
ZIP • 7 MB • CONFIDENTIAL DOCUMENT



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
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PACKAGING INFORMATION

Packaging method	not assembled components
Quantity (product/box)	100 products/box
Unit weight	38 gram/product
Box dimension	400 x 210 x 170