



THB.391.R4A.L

MADE IN ITALY



TH391 - In-line circular mini-joint connector type "I" (xDRY® anti-condensation)
IP68/IP69K

NEW XDRY®



IP68 IP69K xDRY



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/IP69K
Product configuration	In-line joint connector
Type of Fixation	With quick-fix mounting clip * Mounting clip to be ordered separately (code 6000302CC).
Colour	black/Verde (Componenti plastici) - Verde (Componenti gomma)
Outer dimension	Φ 23 mm x 113 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)/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 * min. 2x4.0mm ² / max. 4x2.5mm ²
Wire cross-section min. - max. (Solid cable)	0.5 mm ² - 4.0 mm ² * min. 2x4.0mm ² / max. 4x2.5mm 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
Operating temperature range	-40°C / +125°C
Proof Tracking Index (PTI)	PTI 250

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)	100 products/box
Unit weight	38 gram/product
Box dimension	400 x 210 x 170

INSTALLATION INSTRUCTIONS

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