



THB.391.R4A.L.R

MADE IN ITALY



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

NEW XDRY® KIT

HF Halogen Free IP68 IP69K xDRY SF Silicon Free 03 CE Pb RoHS 2011/65 S



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 <i>* Mounting clip to be ordered separately (code 6000302CC).</i>
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 <i>* min. 2x4.0mm² / max. 4x2.5mm²</i>
Wire cross-section min. - max. (Solid cable)	0.5 mm ² - 4.0 mm ² <i>* min. 2x4.0mm² / max. 4x2.5mm²</i>
Cable diameter min. - max.	6.0 mm - 13.5 mm <i>* Accessories e riduzioni per cavi incluse nella confezione. For cables with diameter 14.0 mm take the code 604004900.</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

 *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	single packed unit
Quantity (product/bag)	1 product/bag
Quantity (product/box)	50 bags/box
Unit weight	66,6 gram/bag
Box dimension	400 x 210 x 170

 *Accessories and installation instructions included in the kit.*

INSTALLATION INSTRUCTIONS

- [Guidelines Installation](#) PDF • 753 KB
- [606003900 ISTh391v01techno NEW](#)
PDF • 2 MB
- [606003900 ISTh391v01techno Lungo NEW](#)
PDF • 453 KB