



THB.391.N4A.L.R

MADE IN ITALY



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

NEW XDRY® KIT



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	Panel-mounted connector with fixing nut * Fixing nut included in the kit.
Thread	M20
Panel thickness min. - max.	1.0 mm - 9.0 mm
Colour	black/Verde (Componenti plastici) - Verde (Componenti gomma)
Outer dimension	Φ 23 mm x 81 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.
6.0 mm - 13.5 mm
* Accessorie e riduzioni per cavi incluse nella confezione. 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
------------------------	-----------------

PACKAGING INFORMATION

Packaging method	single packed unit
Quantity (product/bag)	1 product/bag
Quantity (product/box)	50 bags/box
Unit weight	66,4 gram/bag
Box dimension	400 x 210 x 170

i Accessories and installation instructions included in the kit.

INSTALLATION INSTRUCTIONS

- Guidelines Installation PDF • 753 KB
- Installation Sheet TH391 LineareParete NEW PDF • 691 KB
- Installation Sheet TH391 LineareParete Lung o NEW PDF • 532 KB