



The image has the only illustrative purpose and it is purely indicative, it may not fully reflect the product configuration.

Mini Joint Connector 4p Screw D7-12 IP68 xDRY®

Code: **THB.391.R4A**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

GENERAL INFORMATION

Type of installation	Joint connector (re-usable/re-accessible)
Product configuration	In-line connector
Colour	Black/Green (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 23.0 x 89.0

ELECTRIC DATA

No. connected cables	2
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Voltage rating (AC/DC)	450V AC
No. poles	4
Marking	1-2-3-4
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	1.50
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	1.50
Conductor stripping length (mm)	6.00
Cable sheath stripping length (mm)	20.00
Recommened types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	12.00
Tightening torque of cable gland-connector	2.0 Nm
Tightening torque of nut-cable gland	2.5 Nm

ENVIRONMENT CONDITIONS

IP rating	IP68
	<i>*IP68 (30m/2h)</i>
Anti-condensation system (capillary action)	xDRY®
	<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.</i>
IK rating	IK07
Salt Mist	Salt mist test : EN60068-2-11:2000
T marking	T 85°C
Proof Tracking Index (PTI)	PTI 250

MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	TPE
Gaskets	TPE
Material property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel

PRODUCT COMPLIANCES

IEC Approvals	EN 60998-1:2004
---------------	-----------------

COMMERCIAL DATA

EAN	8057457094429
Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	100
Weight per Piece (gr)	40.00
Overall dimensions of box (mm)	400 x 210 x 170
Corresponding code in KIT	THB.391.R4A
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606003900_IST_TH391.pdf	PDF	1.59 MB

DRAWINGS

Drawings:

File	Type	Size
 THB_391_RXA.pdf	PDF	201.69 KB

CAD FILES

Please login to access this data.

MARKETING DOCUMENTS

Please login to access this data.
