



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

## Joint connector panel-mounted 4p Piercing M25 D7-12 IP68 xDRY<sup>®</sup>

Code: **THP.391.T4A**



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	Panel-mount connector (rear nut) <i>*Fixing nut included in the kit</i>
Colour	Black/Green (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 23.0 X 57.0
Type of panel	Conductive panel
Panel nut thread	M25
Panel thickness (mm)	7.00
Connector shape	Straight

## 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	Piercing screw <i>*The piercing solution is ideal for PVC, Neoprene and FEP cables</i>
Terminations Thread/Tightening torque	M3 - 1.0 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> )	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.50
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.50
Solid conductor cross-section MAX (mm <sup>2</sup> )	1.50
Cable sheath stripping length (mm)	20.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	12.00
Tightening torque of connector-panel adapter	1.0 Nm
Tightening torque of panel nut	1.5 Nm
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

## COMMERCIAL DATA


Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	100
Weight per Piece (gr)	39.90
Overall dimensions of box (mm)	400 x 210 x 170
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS


### Technical documentations:

File	Type	Size
 606004800_IST_TH391_Parete.pdf	PDF	707.77 KB

## DRAWINGS

### Drawings:

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File	Type	Size
 THB.391.T4A.pdf	PDF	408.28 KB

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## MARKETING DOCUMENTS

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