



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

Junction box 4 ways 4p Screw D7-13.5 IP66/IP68

Code: **THB.209.A4A**



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	Junction connector <i>*Terminal block included in the kit</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	121.0 x 64.5 x 28.0
Inner dimensions (mm)	43.0 x 53.5 x 24.0

ELECTRIC DATA

No. connected cables	4
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	24A
Voltage rating (AC/DC)	450V AC
No. poles	4
Marking	1-2-3-4
Terminations	Screw
	<i>*Terminal block with double connection</i>
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)	4.00
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	4.00
Conductor stripping length (mm)	8.00
Main cable sheath stripping length (mm)	30.00
Branch cable sheath stripping length (mm)	30.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	13.50
Tightening torque of nut-cable gland	2.5 Nm
Tightening torque of Lid/Fixing screws	1.0 Nm

ENVIRONMENT CONDITIONS

IP rating	IP66, IP68
	<i>*IP68 (5m/3h)</i>
IK rating	IK08
Salt Mist	Salt mist test : EN60068-2-11:2000
T marking	T 85°C

MATERIALS

Exterior body	PA66 UL94 V2
Connector	PA66 GF UL94 V0
O Rings	TPE
Gaskets	TPE
Material property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel
Lid/Fixing screws	Steel

PRODUCT COMPLIANCES

IEC Approvals	EN 60529:1991 - EN 60998-1:2004
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COMMERCIAL DATA


EAN	8057457092401
Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	100
Weight per Piece (gr)	99.90
Overall dimensions of box (mm)	600 x 270 x 400
Corresponding code in KIT	THR.209.A4A
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.


TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606001800_IST_TH209_TH219.pdf	PDF	1.26 MB

DRAWINGS

Drawings:

File	Type	Size
 THA_209_A1A.pdf	PDF	290.76 KB

CAD FILES

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MARKETING DOCUMENTS

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