



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

Junction box Hybrid 4 ways 3P without terminal block IP66/IP68

Code: **THB.209.H3A**



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 box (empty)
	<i>*Plug socket connectors included in the package. Terminal block to be ordered separately</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	122.0 x 65.0 x 28.0
Inner dimensions (mm)	53.0 x 42.5 x 25.0
Connector shape	Straight

ELECTRIC DATA

No. connected cables	4
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	16A
Voltage rating (AC/DC)	450V AC
No. poles	3
Marking	L-N-E
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)	2.50
Conductor stripping length (mm)	8.00
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 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	-40°C/+60°C

MATERIALS

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

COMMERCIAL DATA

Packing method	Bulk packed (OEM)
Type of packaging	Box
Kit contents	 THA.209.H3A.pdf
Pieces/box (pcs)	50
Overall dimensions of box (mm)	400 x 400 x 230
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606002051_IST_TH209Ibrida_.pdf	PDF	1.39 MB

DRAWINGS

Drawings:

File	Type	Size
 THB.209.H3A.pdf	PDF	454.62 KB