



The image is purely indicative and may not fully reflect the configuration of the product.

4-way 5p junction box D7-13.5 screw IP66/IP68

Code: **THB.209.A5A**



Any changes made to the technical data sheet may be made without notice.

GENERAL INFORMATIONS

Installation type	Fixed connection (re-inspectable)
Configuration	Derivation with terminal block <i>*Terminal block included in the packaging</i>
Color	Black (Plastic components) - Techno Green (Rubber components)
External dimensions (mm)	121.0 x 64.5 x 28.0
Available internal volume (mm)	43.0 x 53.5 x 24.0

ELECTRICAL DATA

Connection points	4
Circuit application	Power/Signal
Rated current (AC/DC)	16A
Rated voltage (AC/DC)	450V AC
Number of poles	5
Contact symbols	1-2-LNE
Type of contacts	Lives
Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

MIN flexible conductor section without terminal (mm ²)	0.50
MAX flexible conductor section without terminal (mm ²)	1.50
MIN rigid conductor section (mm ²)	0.50
MAX rigid conductor section (mm ²)	1.50
Wire stripping length (mm)	8.00
Passing cable stripping length (mm)	30.00
Branch cable stripping length (mm)	30.00
Recommended cable type	H05xxx/H07xxx
MIN cable diameter (mm)	7.00
MAX cable diameter (mm)	1.50pm
Nut-cable gland tightening torque	2.5 Nm
Tightening torque for cover screws	1.0 Nm

ENVIRONMENTAL CONDITIONS

IP protection rating	IP68 <i>*IP68 (5m/3h)</i>
Degree of protection IK	IK08
Corrosion resistance	Salt mist test: EN60068-2-11:2000
T marking	T 85°C

MATERIALS

Body	PA66 UL94 V2
Connector	PA66 GF UL94 V0
Seals	TPE
Cable sealing rubbers	TPE
Property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel
Cover screws	Steel

PRODUCT COMPLIANCE

IEC approved

EN 60529:1991|EN 60998-1:2004

COMMERCIAL DATA

EAN	8057457092418
Product configuration	Industrial packaging (OEM)
Type of packaging	Box
Pieces/box (pcs)	100
Weight/piece (g)	88.00
Box dimensions (mm)	600 x 270 x 400
Corresponding KIT packaging	THR.209.S5L
Customs code	85369010
country of origin	ITALY

CERTIFICATIONS

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TECHNICAL DOCUMENTATION

Technical documentation:

File	Format	Dimension
 606001800_IST_TH209_TH219.pdf	PDF	1.26 MB

2D DRAWINGS

2D drawings:

File	Format	Dimension
 THA_209_A1A.pdf	PDF	290.76 KB

3D FILES

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COMMUNICATION MATERIAL

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