



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

3-way 3p junction box D7-13.5 screw IP66/IP68

Code: THB.209.D3A



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 | 3 |
| Circuit application | Power/Signal |
| Rated current (AC/DC) | 24A |
| Rated voltage (AC/DC) | 450V AC |
| Number of poles | 3 |
| Contact symbols | LNE |
| Type of contacts | Lives <i>*Terminal block with double connection</i> |
| 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) | 4.00 |
| MIN rigid conductor section (mm ²) | 0.50 |
| MAX rigid conductor section (mm ²) | 4.00 |
| 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 | IP66, 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

| | |
|-----------------------|----------------------------|
| Product configuration | Industrial packaging (OEM) |
| Type of packaging | Box |
| Pieces/box (pcs) | 100 |
| Weight/piece (g) | 93.00 |
| Box dimensions (mm) | 600 x 270 x 400 |
| Customs code | 85369010 |
| country of origin | ITALY |

CERTIFICAZIONI

Effettua la login per vedere questa sezione.

DOCUMENTAZIONE TECNICA

Documentazione Tecnica:

| File | Formato | Dimensione |
|---|---------|------------|
|  606001800_IST_TH209_TH219.pdf | PDF | 1.26 MB |

DISEGNI 2D

Disegni 2D:

| File | Formato | Dimensione |
|---|---------|------------|
|  THB.209.D3A.pdf | PDF | 459.90 KB |

MATERIALE DI COMUNICAZIONE

Effettua la login per vedere questa sezione.

