



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

## Joint Connector 6p WP D8-17 IP68

Code: THB.400.D3D



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   | In-line connector                         |
| Colour                  | Black (Plastic components)                |
| Overall dimensions (mm) | Ø 34.0 x 140.0                            |

## ELECTRIC DATA

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| No. connected cables                  | 2                                                                      |
| Circuit wiring diagram                | Power/Signal                                                           |
| Current rating (AC/DC)                | 24A                                                                    |
| Voltage rating (AC/DC)                | 450V AC                                                                |
| No. poles                             | 6                                                                      |
| Marking                               | 1-2-3-L-N-E                                                            |
| Terminations                          | Screw with wire protector                                              |
|                                       | <i>*Recommended for cable of cross-section &lt; 1.0 mm<sup>2</sup></i> |
| Terminations Thread/Tightening torque | M3 - 0.8 Nm                                                            |

## CONNECTION DATA

|                                                                               |               |
|-------------------------------------------------------------------------------|---------------|
| Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> ) | 0.25          |
| Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> ) | 2.50          |
| Conductor stripping length (mm)                                               | 8.00          |
| Cable sheath stripping length (mm)                                            | 30.00         |
| Recommened types of cable                                                     | H05xxx/H07xxx |
| Cable diameter MIN (mm)                                                       | 8.00          |
| Cable diameter MAX (mm)                                                       | 17.00         |
| Tightening torque of cable gland-connector                                    | 2.5 Nm        |
| Tightening torque of nut-cable gland                                          | 4.0 Nm        |

## ENVIRONMENT CONDITIONS

|                            |                                    |
|----------------------------|------------------------------------|
| IP rating                  | IP68                               |
|                            | <i>*IP68 (50m/1h)</i>              |
| IK rating                  | IK08                               |
| Salt Mist                  | Salt mist test : EN60068-2-11:2000 |
| T marking                  | T 125°C                            |
| Proof Tracking Index (PTI) | PTI 250                            |

## MATERIALS

|                   |                   |
|-------------------|-------------------|
| Exterior body     | PA66 GF UL94 V0   |
| Connector         | PA66 GF UL94 V0   |
| Cable gland       | POLYAMIDE PA6 V-2 |
| O Rings           | Silicone          |
| Gaskets           | TPE               |
| Material property | Halogen Free      |
| Contacts          | Brass             |
| Contact screws    | Steel             |

## PRODUCT COMPLIANCES

IEC Approvals

EN 60998-1:2004

## COMMERCIAL DATA

|                                |                     |
|--------------------------------|---------------------|
| EAN                            | 8057457095129       |
| Packing method                 | Bulk packed ( OEM ) |
| Type of packaging              | Box                 |
| Pieces/box (pcs)               | 200                 |
| Weight per Piece (gr)          | 72.20               |
| Overall dimensions of box (mm) | 600 x 270 x 400     |
| Custom tariff number           | 85369010            |
| Country of origin              | ITALY               |

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS

### Technical documentations:

| File                                                                                                              | Type | Size    |
|-------------------------------------------------------------------------------------------------------------------|------|---------|
|  606001200_IST_I_TH390_400.pdf | PDF  | 1.48 MB |

## DRAWINGS

### Drawings:

| File                                                                                                | Type | Size      |
|-----------------------------------------------------------------------------------------------------|------|-----------|
|  THB_400_DXA.pdf | PDF  | 669.27 KB |

## CAD FILES

Please login to access this data.

## MARKETING DOCUMENTS

Please login to access this data.