



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

## Joint Connector 4p Screw D16-20 IP68

Code: **THB.400.D4E**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

### GENERAL INFORMATION

|                                |   |
|--------------------------------|---|
| <b>Type of installation</b>    | Joint connector (re-usable/re-accessible)                     |
| <b>Product configuration</b>   | In-line connector   |
| <b>Colour</b>                  | Black (Plastic components) - Techno green (Rubber components) |
| <b>Overall dimensions (mm)</b> | Ø 37.0 x 136.0  |

## ELECTRIC DATA

|                                       |             |
|---------------------------------------|-------------|
| No. connected cables                  | 2           |
| Circuit wiring diagram                | Power       |
| Current rating (AC/DC)                | 32A         |
| Voltage rating (AC/DC)                | 750V AC     |
| No. poles                             | 4           |
| Marking                               | 1-2-3-4     |
| Terminations                          | Screw       |
| Terminations Thread/Tightening torque | M4 - 0.8 Nm |

## CONNECTION DATA

|   |               |
|---|---------------|
| Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> ) | 1.50          |
| Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> ) | 4.00          |
| Solid conductor cross-section MIN (mm <sup>2</sup> )                          | 1.50          |
| Solid conductor cross-section MAX (mm <sup>2</sup> )                          | 2.50          |
| Conductor stripping length (mm)   | 8.00          |
| Cable sheath stripping length (mm)  | 30.00         |
| Reccomended types of cable  | H05xxx/H07xxx |
| Cable diameter MIN (mm)   | 16.00         |
| Cable diameter MAX (mm)   | 20.00         |
| Tightening torque of cable gland-connector                                    | 2.5 Nm        |
| Tightening torque of nut-cable gland  | 4.0 Nm        |

## ENVIRONMENT CONDITIONS

|                            |                                    |
|----------------------------|------------------------------------|
| IP rating                  | IP68<br><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       | PA66 UL94 V2    |
| O Rings           | Silicone        |
| Gaskets           | TPE             |
| Material property | Halogen Free    |
| Contacts          | Brass           |
| Contact screws    | Steel           |

## PRODUCT COMPLIANCES

IEC Approvals

EN 60998-1:2004

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## COMMERCIAL DATA

|                                |                     |
|--------------------------------|---------------------|
| EAN                            | 8057457095204       |
| Packing method                 | Bulk packed ( OEM ) |
| Type of packaging              | Box                 |
| Pieces/box (pcs)               | 200                 |
| Weight per Piece (gr)          | 91.30               |
| Overall dimensions of box (mm) | 600 x 270 x 400     |
| Corresponding code in KIT      | THR.400.S4E         |
| Custom tariff number           | 85369010            |
| Country of origin              | ITALY               |

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## APPROVALS

Please login to access this data.

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## TECHNICAL DOCUMENTATIONS

### Technical documentations:

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

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## CAD FILES

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## MARKETING DOCUMENTS

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