



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

## Joint connector panel-mounted 3p WP M25 D7-12 IP68

Code: **THB.391.C3C**



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   | Panel-mount connector (front screw)<br><i>*Fixing screws to be ordered separately</i> |
| Colour                  | Black (Plastic components) - Techno green (Rubber components)                         |
| Overall dimensions (mm) | Ø 23.0 x 40.0   |
| Type of panel           | Conductive panel  |
| Panel nut thread        | M25   |
| Panel thickness (mm)    | 7.00  |
| Connector shape         | Straight  |

## ELECTRIC DATA

|                                       |   |
|---------------------------------------|---|
| No. connected cables                  | 2   |
| Circuit wiring diagram                | Power/Signal  |
| Current rating (AC/DC)                | 24A   |
| Voltage rating (AC/DC)                | 450V AC   |
| No. poles                             | 3   |
| Marking                               | 1-2-3   |
| Terminations                          | Screw with wire protector<br><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)   | 6.00          |
| Cable sheath stripping length (mm)  | 20.00         |
| Reccomended types of cable  | H05xxx/H07xxx |
| Cable diameter MIN (mm)   | 7.00          |
| Cable diameter MAX (mm)   | 12.00         |
| Tightening torque of connector-panel adapter                                  | 1.5 Nm        |
| Tightening torque of cable gland-connector                                    | 2.0 Nm        |
| Tightening torque of nut-cable gland  | 2.5 Nm        |

## ENVIRONMENT CONDITIONS

|                            |                                    |
|----------------------------|------------------------------------|
| IP rating                  | IP68                               |
|                            | <i>*IP68 (30m/2h)</i>              |
| IK rating                  | IK07                               |
| Salt Mist                  | Salt mist test : EN60068-2-11:2000 |
| T marking                  | T 85°C                             |
| Proof Tracking Index (PTI) | PTI 250                            |

## MATERIALS

|                   |                              |
|-------------------|------------------------------|
| Connector         | PA66 GF UL94 V0              |
| Cable gland       | PA66 UL94 V2                 |
| O Rings           | TPE                          |
| Gaskets           | TPE                          |
| Material property | Halogen Free - Silicone Free |
| Contacts          | Brass                        |
| Contact screws    | Steel                        |

## COMMERCIAL DATA


|                                |                     |
|--------------------------------|---------------------|
| EAN                            | 8057457094085       |
| Packing method                 | Bulk packed ( OEM ) |
| Type of packaging              | Box                 |
| Pieces/box (pcs)               | 200                 |
| Weight per Piece (gr)          | 20.30               |
| Overall dimensions of box (mm) | 400 x 210 x 170     |
| Custom tariff number           | 85369010            |
| Country of origin              | ITALY               |

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS


### Technical documentations:

| File   | Type | Size      |
|--|------|-----------|
|  <a href="#">606004800_IST_TH391_Parete.pdf</a> | PDF  | 707.77 KB |

## DRAWINGS

### Drawings:

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| File  | Type | Size      |
|---|------|-----------|
|  THB_391_C3C.pdf | PDF  | 230.50 KB |

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## CAD FILES

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## MARKETING DOCUMENTS

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