



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

## Junction Connector "Y" 5p WP D8-17 IP68

Code: **THB.399.D5C**



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>   | Junction connector  |
| <b>Colour</b>                  | Black (Plastic components) - Techno green (Rubber components) |
| <b>Overall dimensions (mm)</b> | Ø 34.0 x 65.5 x 180   |

## ELECTRIC DATA

|                                       |   |
|---------------------------------------|---|
| No. connected cables                  | 3   |
| Circuit wiring diagram                | Power/Signal  |
| Current rating (AC/DC)                | 24A   |
| Voltage rating (AC/DC)                | 450V AC   |
| No. poles                             | 5   |
| Marking                               | 1-2-L-N-E   |
| 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> ) | 1.50          |
| Conductor stripping length (mm)   | 8.00          |
| Main cable sheath stripping length (mm)                                       | 50.00         |
| Branch cable sheath stripping length (mm)                                     | 30.00         |
| Reccomended 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<br><i>*IP68 (20m/1h)</i>      |
| IK rating                  | IK07                               |
| 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                            | 8057457094856       |
| Packing method                 | Bulk packed ( OEM ) |
| Type of packaging              | Box                 |
| Pieces/box (pcs)               | 100                 |
| Weight per Piece (gr)          | 117.20              |
| 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      |
|---|------|-----------|
|  <a href="#">606001500_IST_TH399.pdf</a> | PDF  | 863.40 KB |

## DRAWINGS

### Drawings:

| File  | Type | Size      |
|---|------|-----------|
|  <a href="#">THB_399_Dxx.pdf</a> | PDF  | 193.97 KB |

## CAD FILES

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## MARKETING DOCUMENTS

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