



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

## "T" branch 4p Screw D7-13.5 IP68

Code: **THB.402.D4A**



Any changes made to the technical data sheet may be made without prior notice.

### GENERAL INFORMATION

|                                 |   |
|---------------------------------|---|
| <b>Installation type</b>        | Fixed connection (re-inspectable)                             |
| <b>Configuration</b>            | Derivation with terminal block                                |
| <b>Color</b>                    | Black (Plastic components) - Techno Green (Rubber components) |
| <b>External dimensions (mm)</b> | Ø 34.0 x 97.5 x 123.0   |

## ELECTRICAL DATA

|                          |              |
|--------------------------|--------------|
| Connection points        | 3            |
| Circuit application      | Power/Signal |
| Rated current (AC/DC)    | 32A          |
| Rated voltage (AC/DC)    | 450V AC      |
| Number of poles          | 4            |
| Contact symbols          | 1-2-3-E      |
| Type of contacts         | Screw        |
| Thread/Tightening Torque | M3 - 0.8 Nm  |

## CONNECTION DATA

*\*To reduce the cable diameter from 6 to 7 mm, it is necessary to use the reduction code 6000087LF, to be purchased separately.*

|   |               |
|---|---------------|
| MIN flexible conductor cross-section without cable lug (mm <sup>2</sup> ) | 1.50          |
| MAX flexible conductor cross-section without cable lug (mm <sup>2</sup> ) | 4.00          |
| MIN rigid conductor cross-section (mm <sup>2</sup> )                      | 1.50          |
| MAX rigid conductor cross-section (mm <sup>2</sup> )                      | 2.50          |
| Conductor stripping length (mm)   | 8.00          |
| Cable sheathing length (mm)   | 50.00         |
| Branch cable stripping length (mm)  | 30.00         |
| Recommended cable type  | H05xxx/H07xxx |
| MIN cable diameter (mm)   | 7.00          |
| MAX cable diameter (mm)   | 1.50pm        |
| Cable gland-connector tightening torque                                   | 2.5 Nm        |
| Tightening torque of nut-cable gland                                      | 2.5 Nm        |

## ENVIRONMENTAL CONDITIONS

|                      |                                   |
|----------------------|-----------------------------------|
| IP protection rating | IP68                              |
|                      | <i>*IP68 (20m/1h)</i>             |
| IK protection rating | IK07                              |
| Corrosion resistance | Salt mist test: EN60068-2-11:2000 |
| T marking            | T 125°C                           |
| Tracking Index       | PTI 250                           |

## MATERIALS

|                        |                 |
|------------------------|-----------------|
| Body                   | PA66 GF UL94 V0 |
| Connector              | PA66 GF UL94 V0 |
| Cable gland            | PA66 UL94 V2    |
| Gaskets                | Silicone        |
| Cable sealing grommets | TPE             |
| Property               | Halogen Free    |
| Contacts               | Brass           |
| Contact screws         | Steel           |

# PRODUCT COMPLIANCE

IEC Approval

EN 60998-1:2004

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