



## In-out junction box 3p Screw IP44

THB.110.B3A



### GENERAL INFORMATION

|                         |                                                               |
|-------------------------|---------------------------------------------------------------|
| Type of installation    | Joint connector (re-usable/re-accessible)                     |
| Product configuration   | In-line connector                                             |
| Colour                  | Black (Plastic components) - Techno green (Rubber components) |
| Overall dimensions (mm) | 66.0 x 27.0 x 13.5                                            |

## 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                               | L-N-E            |
| Terminations                          | Screw            |
| Terminations Thread/Tightening torque | M3 - max. 0.8 Nm |

## CONNECTION DATA

|                                                                               |               |
|-------------------------------------------------------------------------------|---------------|
| Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> ) | 0.50          |
| Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> ) | 2.50          |
| Solid conductor cross-section MIN (mm <sup>2</sup> )                          | 0.50          |
| Solid conductor cross-section MAX (mm <sup>2</sup> )                          | 2.50          |
| Recommened types of cable                                                     | H05xxx/H07xxx |
| Cable diameter MIN (mm)                                                       | 5.00          |
| Cable diameter MAX (mm)                                                       | 9.00          |

## ENVIRONMENT CONDITIONS

|                            |                                    |
|----------------------------|------------------------------------|
| IP rating                  | IP44                               |
| Salt Mist                  | Salt mist test : EN60068-2-11:2000 |
| T marking                  | T 85°C                             |
| Proof Tracking Index (PTI) | PTI 250                            |

## MATERIALS

|                   |                              |
|-------------------|------------------------------|
| Exterior body     | PA68 UL94 V0                 |
| Gaskets           | TPE                          |
| Material property | Halogen Free - Silicone Free |
| Contacts          | Brass                        |
| Contact screws    | Steel                        |
| Lid/Fixing screws | Steel                        |

## PRODUCT COMPLIANCES

|               |                 |
|---------------|-----------------|
| IEC Approvals | EN 60998-1:2004 |
|---------------|-----------------|

## COMMERCIAL DATA

|                                |                     |
|--------------------------------|---------------------|
| Packing method                 | Bulk packed ( OEM ) |
| Type of packaging              | Box                 |
| Pieces/box (pcs)               | 600                 |
| Weight per Piece (gr)          | 18.80               |
| Overall dimensions of box (mm) | 600 x 270 x 400     |
| Custom tariff number           | 85369010            |
| Country of origin              | ITALY               |