

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

Current distributor plug & socket 6p Screw D7-13.5 IP65

Code: **THH.631.B6A**



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 | Plug and Socket connector |
| Product configuration | Plug and socket junction box <i>*Plug & Socket connectors included in the kit</i> |
| Locking mechanism | Bayonet Lock |
| Colour | Black (Plastic components) - Techno green (Rubber components) |
| Overall dimensions (mm) | 235.0 x 159.0 x 43.0 |

ELECTRIC DATA

| | |
|---------------------------------------|--------------|
| No. connected cables | 3 |
| Circuit wiring diagram | Power/Signal |
| Current rating (AC/DC) | 17.5A |
| Voltage rating (AC/DC) | 400V AC |
| Impulse withstand voltage | 6kV |
| No. poles | 6 |
| Marking | 1-2-3-L-N-E |
| Terminations | Screw |
| Terminations Thread/Tightening torque | M3 - 0.8 Nm |

CONNECTION DATA

| | |
|-------------------------------------------------------------------------------|---------------|
| Multi-stranded conductor cross-section without ferrule MIN (mm ²) | 0.50 |
| Multi-stranded conductor cross-section without ferrule MAX (mm ²) | 1.50 |
| Solid conductor cross-section MIN (mm ²) | 0.50 |
| Solid conductor cross-section MAX (mm ²) | 1.50 |
| Recommened types of cable | H05xxx/H07xxx |
| Cable diameter MIN (mm) | 7.00 |
| Cable diameter MAX (mm) | 13.50 |
| Tightening torque of nut-cable gland | 2.5 Nm |
| Tightening torque of Lid/Fixing screws | 1.0 Nm |

ENVIRONMENT CONDITIONS

| | |
|------------------------------------------------------------|------------------------------------|
| IP rating | IP65 |
| Salt Mist | Salt mist test : EN60068-2-11:2000 |
| Mating cycles | 1000 cycles |
| Ambient temperature MIN/MAX (According to EN61984/EN60998) | -40°C/+125°C |
| Operating temperature MAX | +60°C |
| Proof Tracking Index (PTI) | PTI 175 |

MATERIALS

| | |
|----------------------------|-----------------|
| Exterior body | PA66 UL94 V2 |
| Connector | PA66 GF UL94 V0 |
| Cable gland | PA66 UL94 V2 |
| O Rings | Silicone TPE |
| Impulse withstand category | II |
| Pollution degree | 2 |
| Material property | Halogen Free |
| Contacts | Brass |
| Contact screws | Steel |
| Lid/Fixing screws | Steel |

PRODUCT COMPLIANCES

| | |
|---------------|---------------|
| IEC Approvals | EN 61984:2009 |
|---------------|---------------|

COMMERCIAL DATA


| | |
|--------------------------------|---------------------|
| EAN | 8057457095877 |
| Packing method | Bulk packed (OEM) |
| Type of packaging | Box |
| Pieces/box (pcs) | 50 |
| Weight per Piece (gr) | 264.50 |
| Overall dimensions of box (mm) | 600 x 270 x 400 |
| Corresponding code in KIT | THR.631.S6A |
| Custom tariff number | 85369010 |
| Country of origin | ITALY |

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

| File | Type | Size |
|---------------------------------------------------------------------------------------------------------------------------------|------|-----------|
|  606002029_IST_TH630_631.pdf | PDF | 536.24 KB |

MARKETING DOCUMENTS

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