



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

Mini Plug Connector 2p Screw D7-12 IP66/IP68

Code: **THB.384.P2A**



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 connector |
| Locking mechanism | Screw lock |
| Colour | Black (Plastic components) - Techno green (Rubber components) |
| Overall dimensions (mm) | Ø 27.0 x 63.0 |
| Overall dimensions when mated together (mm) | Ø 27.0 x 95.0 |

ELECTRIC DATA

| | |
|---------------------------------------|--------------|
| No. connected cables | 1 |
| Circuit wiring diagram | Power/Signal |
| Current rating (AC/DC) | 16A |
| Voltage rating (AC/DC) | 400V AC |
| Impulse withstand voltage | 4kV |
| No. poles | 2 |
| Marking | L-N |
| 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) | 2.50 |
| Conductor stripping length (mm) | 8.00 |
| Cable sheath stripping length (mm) | 20.00 |
| Recommened types of cable | H05xxx/H07xxx |
| Cable diameter MIN (mm) | 7.00 |
| Cable diameter MAX (mm) | 12.00 |
| Tightening torque of nut-cable gland | 2.5 Nm |

ENVIRONMENT CONDITIONS

| | |
|--|------------------------------------|
| IP rating | IP66, IP68 <i>*IP68 (5m/3h)</i> |
| IK rating | IK07 |
| 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 | +85°C |
| Proof Tracking Index (PTI) | PTI 175 |

MATERIALS

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

PRODUCT COMPLIANCES

IEC Approvals

EN 61984:2009

**EN 61984:2009*

COMMERCIAL DATA


| | |
|--------------------------------|---------------------|
| EAN | 8057457092760 |
| Packing method | Bulk packed (OEM) |
| Type of packaging | Box |
| Pieces/box (pcs) | 200 |
| Weight per Piece (gr) | 22.70 |
| 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 |
|--|------|-----------|
|  606002048_INST_TH384.pdf | PDF | 790.52 KB |

DRAWINGS

Drawings:

| File | Type | Size |
|---|------|-----------|
|  THB_384_B1A.pdf | PDF | 211.74 KB |

MARKETING DOCUMENTS

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