



The image is for guidance only and may not fully reflect the configuration of the product.

Mini Plug Connector 4P Screw D7-13.5 IP66/IP68

Code: **THB.387.A4A.L**



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

GENERAL INFORMATION

| | |
|---------------------------------|---|
| Installation Type | Socket and plug connection |
| Configuration | Thorn |
| Locking mechanism | Screw lock |
| Color | Black (Plastic Components) - Techno Green (Rubber Components) |
| External Dimensions (mm) | Ø 23.0 x 66.0 |

ELECTRICAL DATA

| | |
|---|--------------|
| Connection points | 1 |
| Circuit Application | Power/Signal |
| Rated Current (AC/DC) | 17.5A |
| Current Rating (AC/DC) - UL | 15A |
| Rated Voltage (AC/DC) | 500V AC |
| Voltage Rating (AC/DC) - UL | 600V AC/DC |
| Additional-reinforced insulation (Class II) | 250V |
| Impulse withstand voltage | 4kV |
| Number of poles | 4 |
| Contact Symbology | 1-2-3-4 |
| Type of contacts | Screw |
| Thread/Tightening Torque | M3 - 0.8 Nm |

CONNECTION DATA

| | |
|---|---------------|
| MIN flexible conductor cross-section without cable lug (mm ²) | 0.50 |
| Flexible conductor cross-section MAX without lug (mm ²) | 1.50 |
| Rigid conductor cross-section MIN (mm ²) | 0.50 |
| Rigid conductor cross-section MAX (mm ²) | 1.50 |
| Conductor sheathing length (mm) | 6.00 |
| Cable sheathing length (mm) | 25.00 |
| Recommended cable type | H05xxx/H07xxx |
| MIN Cable Diameter (mm) | 7.00 |
| Cable diameter MAX (mm) | 13.50 |
| Tightening torque between cable gland and connector | 2.0 Nm |
| Nut-gland tightening torque | 2.5 Nm |

ENVIRONMENTAL CONDITIONS

| | |
|---|-------------------------------------|
| IP Rating | IP66, IP68 <i>*IP68 (30m/3h)</i> |
| Degree of protection IK | IK07 |
| Corrosion Resistance | Salt mist test : EN60068-2-11:2000 |
| Connect-Disconnect Cycles | 1000 cycles |
| Temperature MIN/MAX (According to standard EN61984/EN60998) | -40°C/+125°C |
| Operating Temperature MAX | +60°C |
| Tracking Index | PTI 175 |

MATERIALS

| | |
|----------------------|------------------------------|
| Connector | PA66 GF UL94 V0 |
| Cable gland | PA66 UL94 V2 |
| Seals | TPE |
| Cable grommets | TPE |
| Overvoltage Category | II |
| Degree of pollution | 2 |
| Property | Halogen Free - Silicone Free |
| Contacts | Brass |
| Contact Screws | Steel |

PRODUCT COMPLIANCE

| | |
|-----------------|-----------------------|
| IEC Approved | EN 61984:2009 |
| UL/CSA Approved | UL2238/C22.2 No.182.3 |

COMMERCIAL DATA



| | |
|-----------------------|----------------------------|
| EAN | 8057457093088 |
| Product Configuration | Industrial Packaging (OEM) |
| Type of packaging | Box |
| Pieces/box (pcs) | 200 |
| Weight/piece (gr) | 22.50 |
| Box size (mm) | 300 x 200 x 160 |
| Matching KIT Pack | THB.387.A4A.L.R |
| Customs Code | 85369010 |
| Country of origin | ITALY |

CERTIFICATIONS

Effettua la login per vedere questa sezione.

TECHNICAL DOCUMENTATION

Technical Documentation:

| File | Format | Dimension |
|---|--------|-----------|
|  606004000_TH387_volante_web.pdf | PDF | 3.57 MB |
|  UL listed coding list.pdf | PDF | 97.48 KB |

2D DRAWINGS

2D Drawings:

| File | Format | Dimension |
|---|--------|-----------|
|  THX_387_AxA_L.pdf | PDF | 229.96 KB |

3D FILES

Effettua la login per vedere questa sezione.

COMMUNICATION MATERIAL

Effettua la login per vedere questa sezione.