POWERFIT SINGLE POLE CONNECTOR

400A

# LINE DRAIN

## Features

* Copper contact with silver plating ensures excellent conductivity
* Ergonomic rubber grip enhances handling comfort and safety
* Durable thermoplastic body offers superior impact resistance and electrical insulation
* O-ring provides an excellent protection against water and dust ingress after mating
* M40*1.5 cable gland with rubber bushing for secure IP67-rated sealing

**Item Number:** PFLD-2O-S120M40A
Phase: L2
Color: Orange
Type: Double Set Screws (for 120mmsq cable)
Cable Gland: M40A

Type Approved
Safety
Regular Production
Surveillance

TÜVRheinland CERTIFIED

www.tuv.com
ID 1111304988

## Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic
Contact Material: Brass (silver-plated)
O-Ring: Silicone
Cable Gland: Nylon
Bushing：Rubber and Silicone




## Electrical Information

Amperage Rating: 400A Maximum
Voltage Rating: 1000V AC/DC Maximum
Test Voltage: 4500V AC
Rated Short-Time Withstand Current (Icw): 16 kA /1 s (RMS)
Rated Short-Circuit Peak Current (Ipk): 35.5 kA (Peak)
Insulation Resistance: > 5000M Ohms at 500V AC
Contact Resistance: 0.1m Ohms

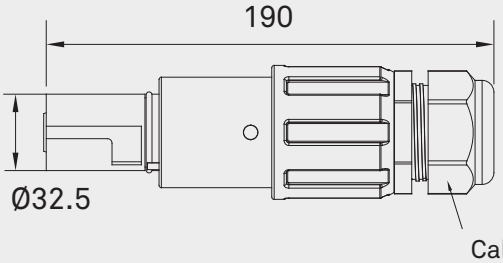
## Mechanical Information

Contact Type: Set screw
Connection Type: Push-and-twist
Cable Gland Size: M40 x 1.5 with sealing bushing
Inner Diameter(Standard) 14-22 mm and 23-33mm
Mating Cycle: 500

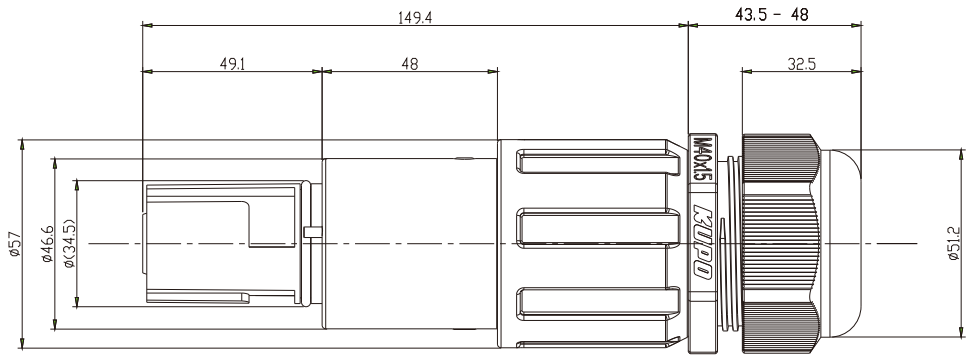
## Environmental Information

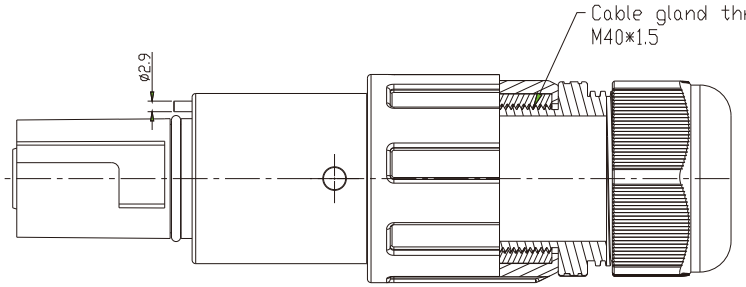
Ingress Protection: IP67 rating while mated
Flammability: UL94-V0 (body material rating)
Working Temperature: -25 to 125 °C
Certifications: TÜV, CE, RoHS and REACH compliant

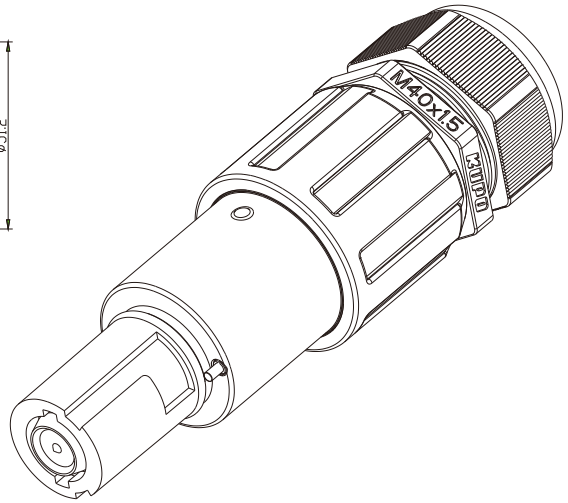
## Dimensions

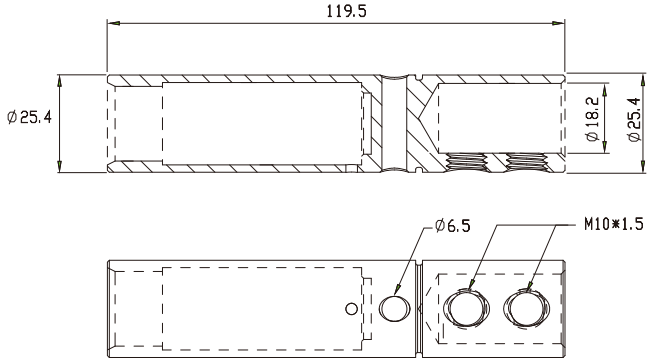


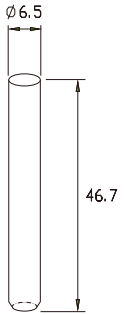

unit : mm



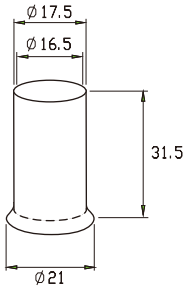



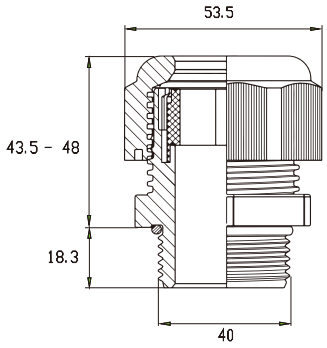




PF-PS-F




PF-R120




CG-M4015-32

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KUPO Powerfit connectors are designed to be compatible and intermateable with other ITT Powerlock style connectors such as P3 Powersafe and Ten47 Powerline.

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

DO NOT SCALE

| ORG. SCALE | CREATE DATE. |
|---|---|
| NTS | 10/Aug/2026 |

MATERIAL

HOUSING: Non-conductive, high-impact-resistant thermoplastic, UL 94 V-0
CONTACT: Silver-plated brass

TITLE

# 400A POWERFIT LINE DRAIN CONNECTOR

| DWG. NO. | ISSUE NO. |
|---|---|
| KPFLD400 | 1 |