POWERFIT SINGLE POLE CONNECTOR

750A

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-C300M40
Phase: Line 2
Color: Orange
Type: Crimp (for 300mmsq cable)
Cable Gland: M40B

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: Copper (silver-plated)
O-Ring: Silicone
Cable Gland & Bushing: Nylon & Rubber

Electrical Information

Amperage Rating: 750A Maximum
Voltage Rating: 1000V AC, 1500V DC Maximum
Test Voltage: 4500V AC
Short Circuit Rating: Up to 35.5kA
Insulation Resistance: > 5000M Ohms at 500V AC
Contact Resistance: 0.1m Ohms



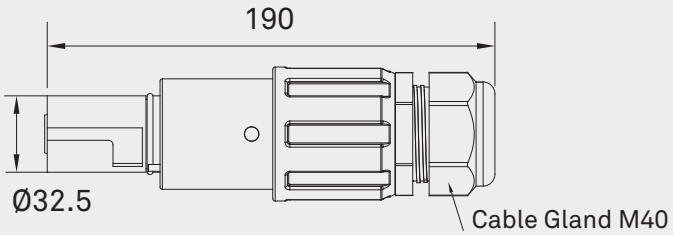
Mechanical Information

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

Environmental Information

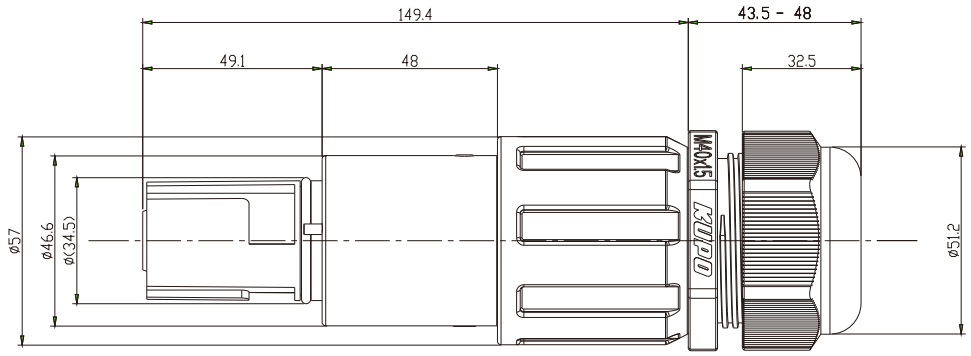
Ingress Protection: IP67 rating while mated
Flammability: UL94-V0 (body material rating)
Working Temperature: -25 to 125 °C
Certifications: TÜV, CB, UKCA, CE, RoHS and REACH compliant

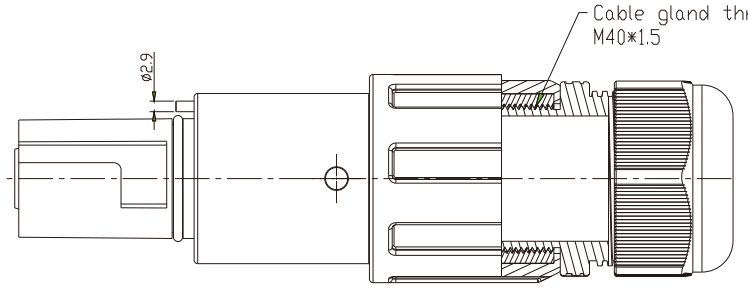
Dimensions

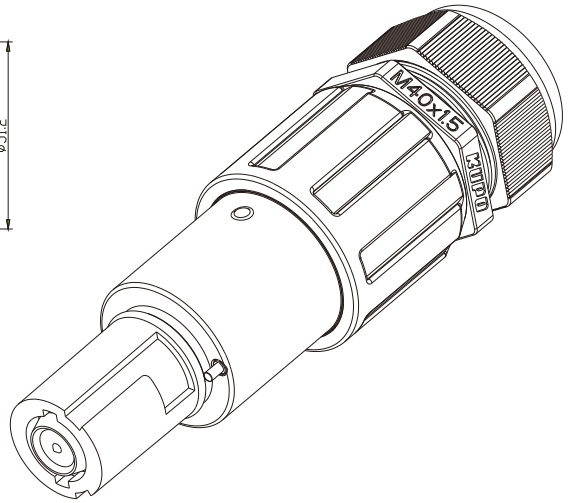


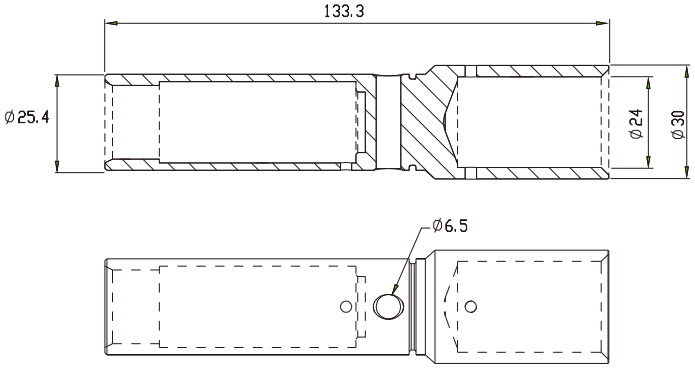
unit : mm

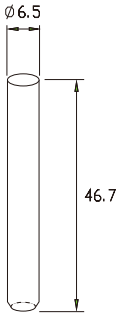
• Specifications subject to change without notice.
• www.kupopower.com



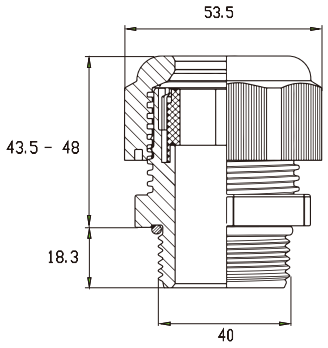








PF-PS-F



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. There is no current unified standard for this connector.

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 copper

TITLE

750A POWERFIT LINE DRAIN CONNECTOR

DWG. NO.	ISSUE NO.
KPFLD750	1