POWERFIT SINGLE POLE CONNECTOR

750A

LINE SOURCE

Features
* Innovative key-release pin allows for fast and convenient disconnection
* 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
* M40*1.5 cable gland with rubber bushing for secure IP67-rated sealing

Item Number: PFLS-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)
Cable Gland & Bushing: Nylon & Rubber

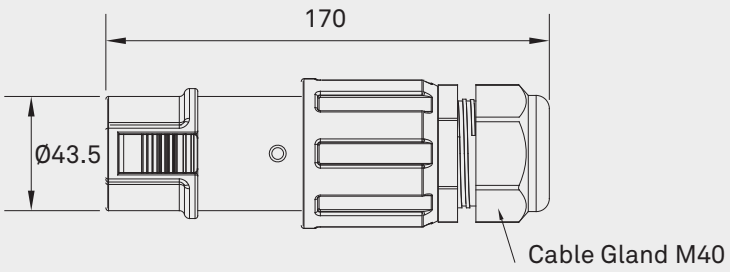


Electrical Information
Amperage Rating: 750A Maximum
Voltage Rating: 1000V AC, 1500V DC Maximum
Test Voltage: 4500V AC
Short Circuit Rating: Up to 35.5kA
Insulation Resistance: > 5000M Ohms at 500V AC
Contact Resistance: 0.1m Ohms

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

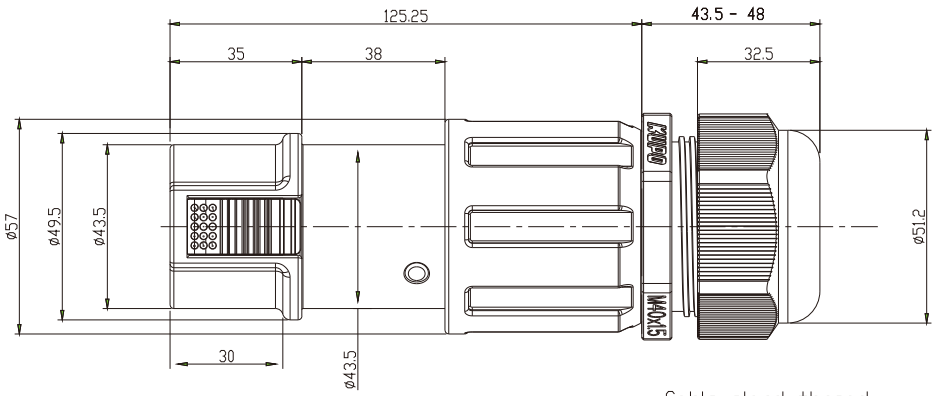
Environmental Information
Ingress Protection: IP67 rating while mated
Flammability: UL94-V0 (body material rating)
Working Temperature: -25 to 125 °C
Certifications: TÜV, CB, UKCA, CE, RoHS and REACH compliant

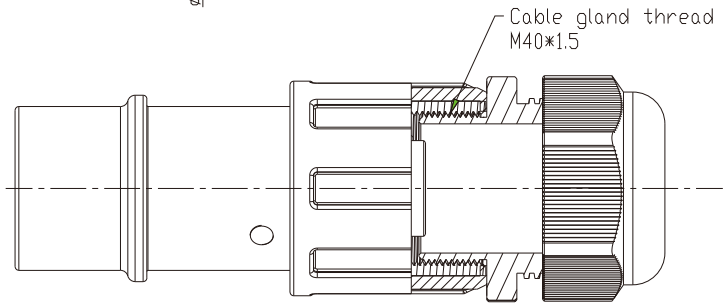
Dimensions



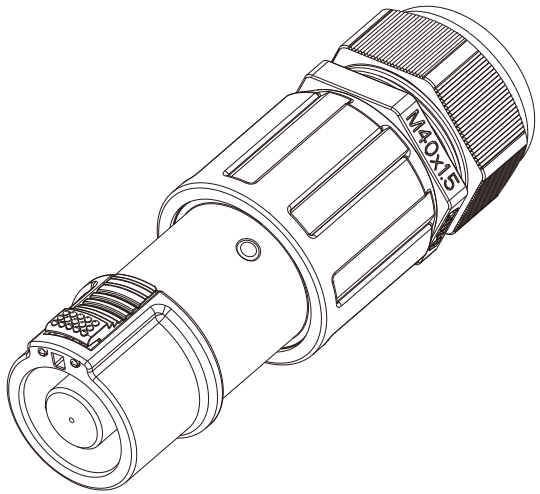
unit : mm

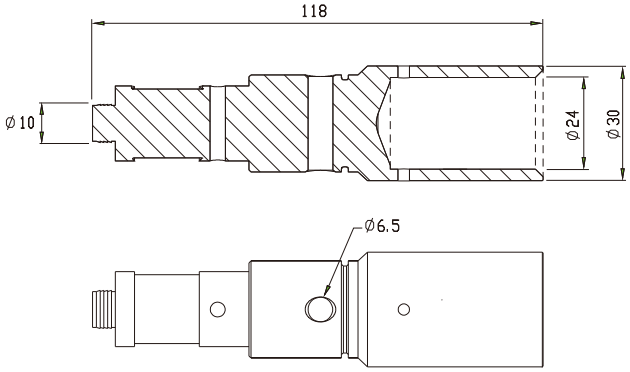
• Specifications subject to change without notice.
• www.kupopower.com





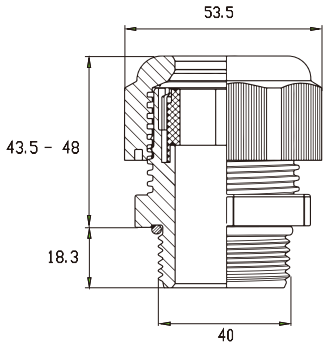
A-A







PF-PS-M



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 SOURCE CONNECTOR

DWG. NO.	ISSUE NO.
KPFLS750	1