

POWERFIT SINGLE POLE CONNECTOR

500A

LINE SOURCE

KUPO[®]

Features

- * Innovative key-release pin allows for fast and convenient disconnection
- * Brass 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-1BK-S150M40A

Phase: Line 1

Color: Black

Type: Double Set Screws (for 150mmsq cable)

Cable Gland (Standard): M40/CG-M4015-32



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111303479

Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic

Contact Material: Brass (silver-plated)

Cable Gland & Bushing: Nylon, Rubber & Silicone

Electrical Information

Amperage Rating: 500A Maximum

Voltage Rating: 1000V AC/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: Set screw

Set Screw Torque: 10.5 N/meter (minimum required)

Connection Type: Push-and-twist with key release mechanism

Cable Gland Size: M40 x 1.5 with sealing bushing (Inner Diameter: 14-22 mm and 23-33 mm)

Mating Cycle: 500

Environmental Information

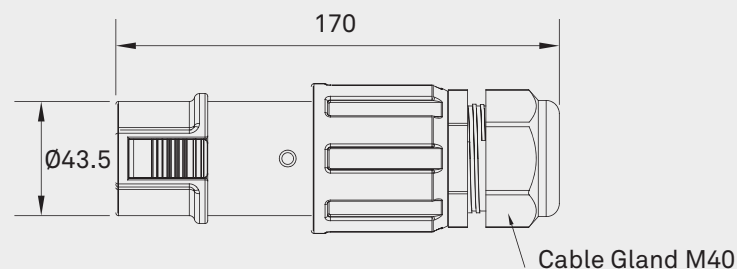
Ingress Protection: IP67 rating while mated

Flammability: UL94-V0 (body material rating)

Working Temperature: -25 to 125 Celsius Degree

Certifications: TÜV, CE, RoHS and REACH compliant

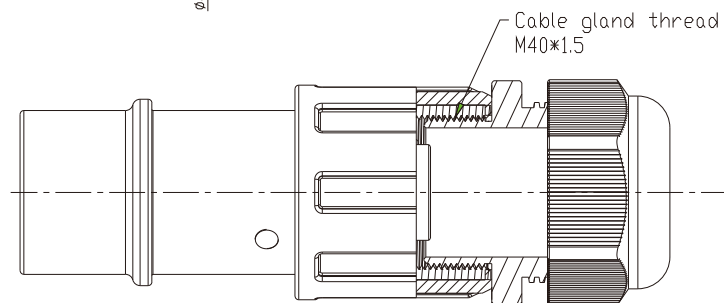
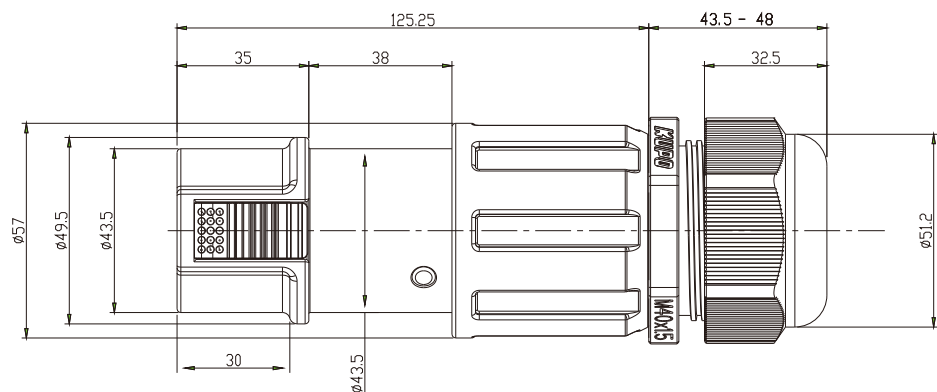
Dimensions



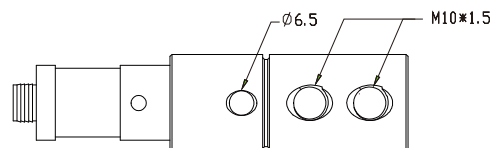
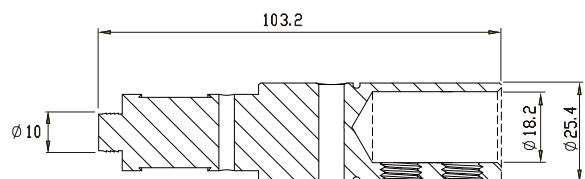
unit : mm

- Specifications subject to change without notice.
- www.stage.com.tw

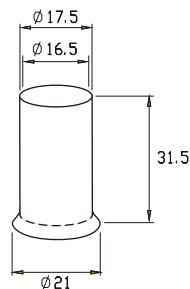
2026 V1



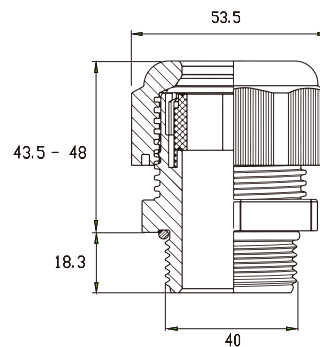
A-A



PF-PS-M



PF-R120



CG-M40 15-32



CB UK CA CE



KUPO®

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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
500A POWERFIT LINE SOURCE CONNECTOR

DWG. NO.	ISSUE NO.
KPFLS500	1