

## POWERFIT SINGLE POLE CONNECTOR

400A

### 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-S120M40A

Phase: Line 1

Color: Black

Type: Double Set Screws (for 120mmsq cable)

Cable Gland: M40A



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

#### Electrical Information

Amperage Rating: 400A 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: 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: 22 mm and 33 mm)

Mating Cycle: 500

#### Environmental Information

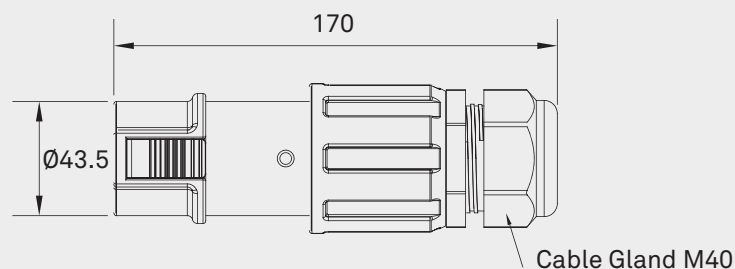
Ingress Protection: IP67 rating while mated

Flammability: UL94-V0 (body material rating)

Working Temperature: 45 to 85 Celsius Degree

Certifications: TÜV, CE, RoHS and REACH compliant

#### Dimensions



unit : mm

- Specifications subject to change without notice.
- [www.stage.com.tw](http://www.stage.com.tw)

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