

POWERFIT SINGLE POLE CONNECTOR

500A

LINE SOURCE



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-2R-S150M40A

Phase: Line 2

Color: Red

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

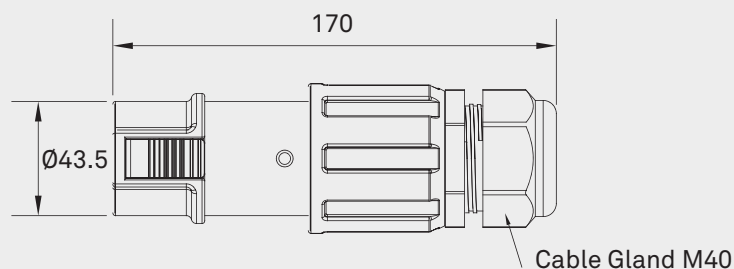
Ingress Protection: IP67 rating while mated

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

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