

POWERFIT SINGLE POLE CONNECTOR

800A

LINE SOURCE

KUPO[®]

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-3GY-C300-400-M40/M50

Phase: L3

Color: Gray

Type: Crimp (for 400mmsq cable)

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

Cable Gland (Option): M40/CG-M4015-X(39)



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111304988

Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic

Contact Material: Copper (silver-plated)

Cable Gland: Nylon

Bushing : Rubber and Silicone

Electrical Information

Amperage Rating: 800A Maximum

Voltage Rating: 1000V AC/DC Maximum

Test Voltage: 4500V AC

Rated Short-Time Withstand Current (I_{cw}): 16 kA /1 s (RMS)

Rated Short-Circuit Peak Current (I_{pk}): 35.5 kA (Peak)

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(Standard) : 14-22 mm and 23-33mm

Inner Diameter(Option) : 31-39 mm

Mating Cycle: 500

Environmental Information

Ingress Protection: IP67 rating while mated

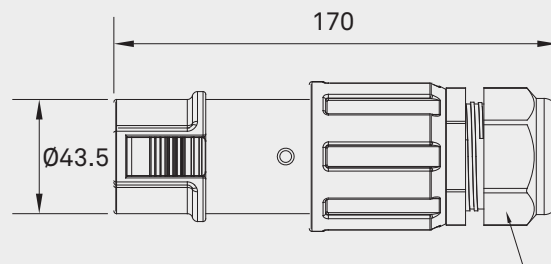
Flammability: UL94-V0 (body material rating)

Working Temperature: -25 to 125 °C

Certifications: TÜV, CE, RoHS and REACH compliant



Dimensions



Cable Gland M40

unit : mm

• Specifications subject to change without notice.

2026 V1