

POWERFIT SINGLE POLE CONNECTOR

800A

LINE DRAIN

KUPO®

Features

- * 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
- * O-ring provides an excellent protection against water and dust ingress after mating
- * M40*1.5 cable gland with rubber bushing for secure IP67-rated sealing



Item Number: PFLD-1BN-C300-400-M40/M50

Phase: L1

Color: Brown

Type: Crimp (for 400mmsq cable)

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

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

Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic

Contact Material: Copper (silver-plated)

O-Ring: Silicone

Cable Gland: Nylon

Bushing : Rubber and Silicone



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111304988

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

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

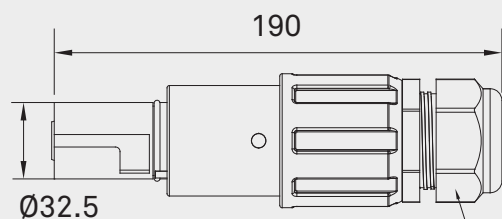
Ingress Protection: IP67 rating while mated

Flammability: UL94-V0 (body material rating)

Working Temperature: -25 to 125 °C

Certifications: TÜV, CE, RoHS and REACH compliant

Dimensions



Cable Gland M40

• Specifications subject to change without notice.

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