

POWERFIT SINGLE POLE CONNECTOR

800A

PANEL SOURCE

KUPO®

Features

- * Innovative key-release pin allows for fast and convenient disconnection
- * Copper contact with silver plating ensures excellent conductivity
- * Durable thermoplastic body offers superior impact resistance and electrical insulation



Item Number: PFPS-1BK-T8

Phase: L1

Color: Black

Type: Threaded post

Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic

Contact Material: Copper (silver-plated)

Nut & Washer: Brass & Phosphor Bronze



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: M12 threaded post

Nut Torque: Maximum 12-14 N/meter

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

Mating Cycle: 500

Environmental Information

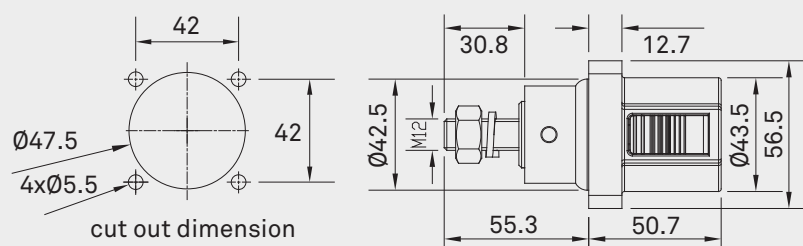
Ingress Protection: IP67 rating while mated

Flammability: UL94-V0 (body material rating)

Working Temperature: -25 to 125 °C

Certifications: TÜV, CE, RoHS and REACH compliant

Dimensions



unit : mm

• Specifications subject to change without notice.

2026 V1