POWERFIT SINGLE POLE CONNECTOR

800A

PANEL DRAIN

Features

* 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
* O-ring provides an excellent protection against water and dust ingress after mating

Item Number: PFPD-3BL-T8
Phase: L3
Color: Blue
Type: Threaded post

Type Approved
Safety
Regular Production
Surveillance

TÜVRheinland CERTIFIED

www.tuv.com
ID 1111304988

Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic
Contact Material: Copper (silver-plated)
O-Ring: Silicone
Nut & Washer: Brass & Phosphor Bronze

Electrical Information

Amperage Rating: 800A Maximum
Voltage Rating: 1000V AC/DC Maximum
Test Voltage: 4500V AC
Rated Short-Time Withstand Current (Icw): 16 kA /1 s (RMS)
Rated Short-Circuit Peak Current (Ipk): 35.5 kA (Peak)
Insulation Resistance: > 5000M Ohms at 500V AC
Contact Resistance: 0.1m Ohms

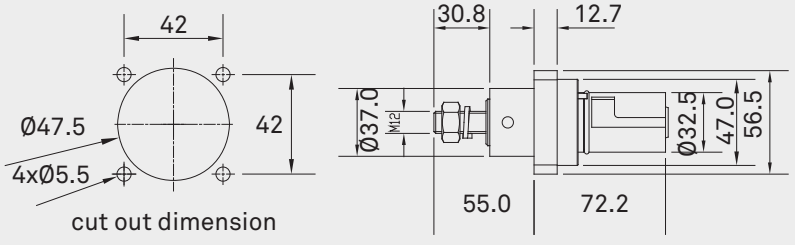
Mechanical Information

Contact Type: M12 threaded post
Nut Torque: Maximum 12-14 N/meter
Connection Type: Push-and-twist
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