POWERFIT SINGLE POLE CONNECTOR

750A

PANEL SOURCE

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-3BL-T7
Phase: Line 3
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)
Nut & Washer: Brass & Phosphor Bronze

Electrical Information

Amperage Rating: 750A Maximum
Voltage Rating: 1000V AC, 1500V 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

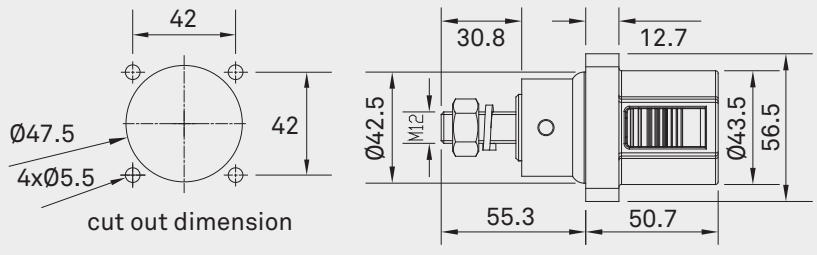
Mechanical Information

Contact Type: 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: 45 to 85 Celsius Degree
Certifications: TÜV, CE, RoHS and REACH compliant

Dimensions



unit : mm

• Specifications subject to change without notice.
• www.stage.com.tw

2026 V1