

J09

Single-Phase Straight Plug Flat Pin Installation Guide

TriCab single-phase plugs are designed and tested to AS/NZS 3120. They are IP66 rated, impact resistant and UV stabilized, making them suitable for most indoor and outdoor applications. Current ratings from 10 to 15 Amps.

Typical applications include:

- Commercial / Industrial
- Manufacturing
- Temporary power
- Mobile machinery and equipment

Materials

- Lock ring, lock nut: Nylon PA66
- Transparent body: Polycarbonate PC
- Terminals: Brass

Operating Temperature

- -40°C to 110°C
- -40°F to 230°F

Standards

- AS/NZS 3123
- AS/NZS 60529, IEC 60529

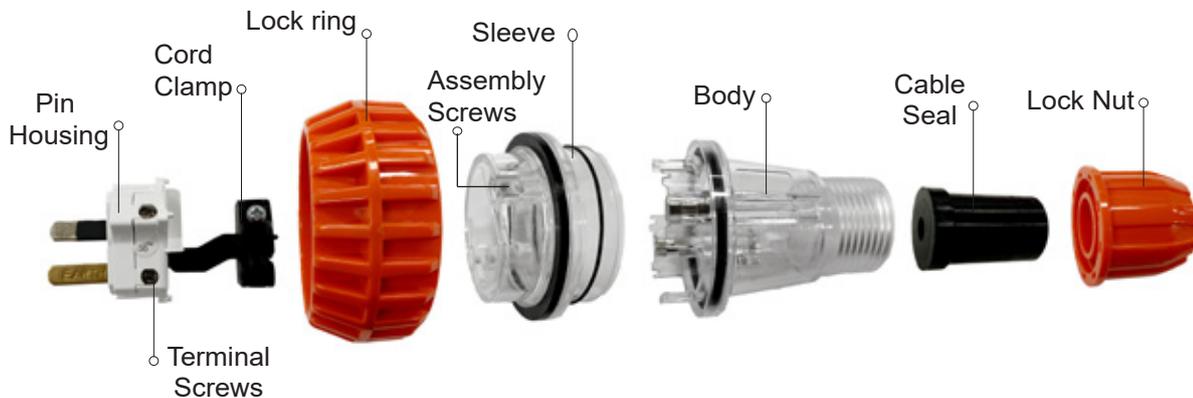


Figure 1: Components

Conductor Connection

Active: A
Neutral: N
Earth: E \perp

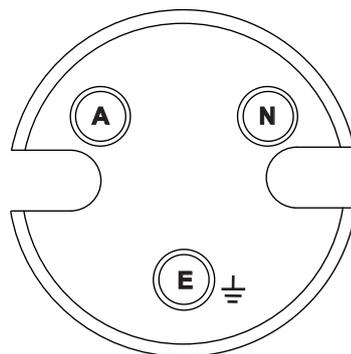


Figure 2: Connections on Pin Housing

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1. Select the suitable **J09 Straight Plug** by verifying the information given in Table 1 with the laser marking on the plug body. Unscrew the **Assembly Screws** and the **Lock Nut**. Mark the stripping length of the cable as shown in Figure 3 below.
2. Carefully cut and strip the outer layers of the cable (sheathing, insulation, fleece tape). Be very careful not to nick or cut any strands of the conductor. Adjust the stripping tool so that it cuts close to the conductor but leaves a small amount of insulation to tear away by hand. This will help protect the fine wires during the stripping process.
3. Insert the **Lock Nut**, **Cable Seal** and **Body** through the cable. Loosen the screw on the **Cord Clamp** connected to the **Pin Housing** and pass the insulated cores through it. Make sure that the outer sheathing of the cable is in the clamping position.
4. Loosen the **Terminal Screws** on the sides of the **Pin Housing**. Insert the conductors into the correct connection terminals as shown in Figure 2 and tighten the **Terminal Screws** to make a secure connection between the conductors and terminals.
5. Tighten the screw on the **Cord Clamp** to securely hold the outer sheathing of the cable. Adjust the components so that the **Body** connects to the **Pin Housing**.
6. Place the **Sleeve** with the **Lock Ring** on the **Pin Housing**. Use the **Assembly Screws** to fix the **Sleeve**, **Pin Housing** and **Body** together.
7. Slide the **Cable Seal** up to the **Body** and screw the **Lock Nut** securely to complete the seal.

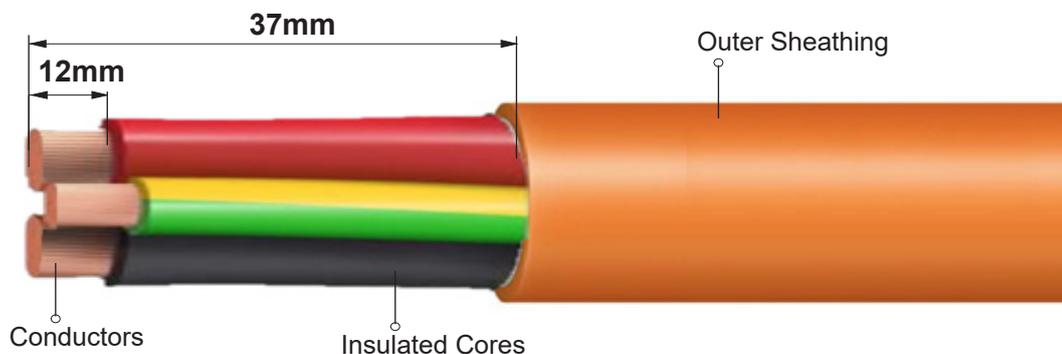


Figure 3: Cable Stripping Lengths

Table 1: Plug Specifications

Product Code	No. Pin	Rating	Voltage	No. Phase
	Pin	A	V	
J09-AAXX/3P10	3	10	250	1
J09-AAXX/3P15	3	15	250	1

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