

TriCab plugs and sockets are designed and tested to AS/NZS 3123. They are IP66 rated, impact resistant and UV stabilized, making them suitable for most indoor and outdoor applications.
Current ratings from 20 to 50 Amps.

Typical applications include:

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

Materials

- Locking ring, locking nut: Nylon PA66
- Transparent body: Polycarbonate PC
- Terminals: Brass

Operating Temperature

- -40°C to 110°C
- -40°F to 230°F

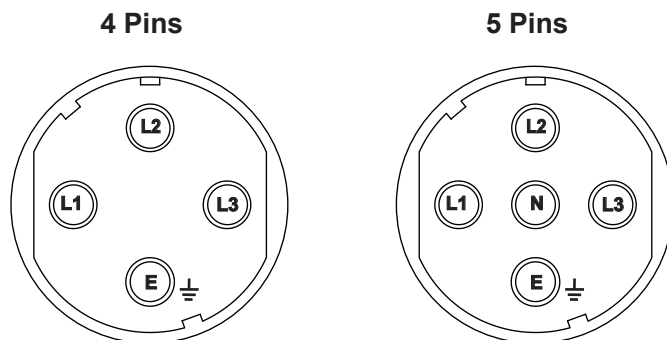
Standards

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



Conductor Connection

Active: L1, L2, L3
Neutral: N
Earth: E \perp (Green/Yellow)



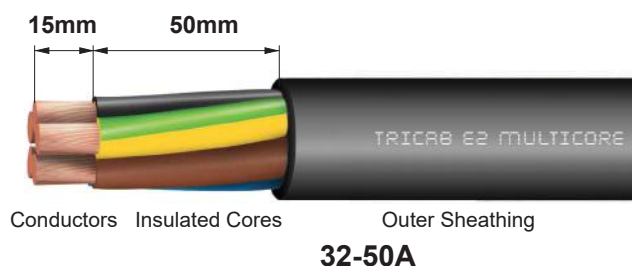
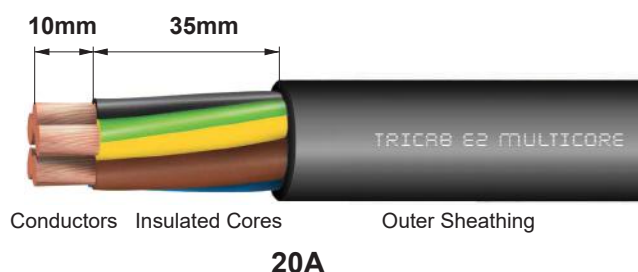
(* View of connection terminals from inside)

Product Code	No. Pin	Rating	Voltage	No. Phase
	Pin	A	V	Phase
J03-AAXX/4P20	4	20	500	3
J03-AAXX/4P32	4	32	500	3
J03-AAXX/4P40	4	40	500	3
J03-AAXX/4P50	4	50	500	3
J03-AAXX/5P20	5	20	500	3
J03-AAXX/5P32	5	32	500	3
J03-AAXX/5P40	5	40	500	3
J03-AAXX/5P50	5	50	500	3

- 1 Untighten **assembly screws** to remove **interior**.
- 2 Strip flexible cable at lengths as shown, insert **lock nut, gland** and **body** through cable. Remove internal layers of **gland** if necessary to fit with cable outer diameter.
- 3 Untighten screws on **cord clamp** to pass cable through, ensure outer sheathing of cable is in the clamping position. For 32-50A models, remove the loose part of clamp if necessary to fit with large cable outer diameter.
- 4 Insert conductors into correct connection terminals as shown in the diagram and tighten screws to make secured contacts between conductors and terminals.
- 5 For 20A model, tighten screws on **cord clamp** to securely fix the outer sheathing of flexible cable. Pull excess cable back and securely tighten **interior** and **body** together.

For 32-50A models, pull excess cable back and tighten **assembly screws** to fix **top body, interior** and **body** together then secure **cord clamp** to fix cable. Screw **cover nut** to **body**.
- 6 Slide **gland** to **cover nut/body** and tighten **lock nut** to complete the seal.

Stripping Lengths



Recommended TriCab cable size as per AS/NZS 3123

EZ / 4-Core Cable

TriCab Conductor	Cable Rating	3-Phase 4-Pins Plug			
		20A	32A	40A	50A
mm ²	A				
2.5	32	✓			
4	42	✓			
6	54		✓		
10	75		✓	✓	
16	99			✓	✓

EZ / 5-Core Cable

TriCab Conductor	Cable Rating	3-Phase 5-Pins Plug			
		20A	32A	40A	50A
mm ²	A				
2.5	32	✓			
4	42	✓			
6	54		✓		
10	75		✓	✓	
16	99			✓*	✓*

(*) One side of clamp needs to be removed to fit with cable OD.

This Installation Guide was designed with great care and proper testing before publication to ensure the product works perfectly with TriCab flexible cables. However, when using this product with different cables other than TriCab flexible cables, it is sole responsibility of user to make their own tests, calculations to determine the suitability. TriCab is not liable for any errors, omissions, damages etc. due to improper use of this product, included but not limited to improper installation deviating from this Guide, safety and warning rules violation, using unsuitable cable other than TriCab flexible cable. TriCab reserves the right to modify this Installation Guide at any time without prior notice.