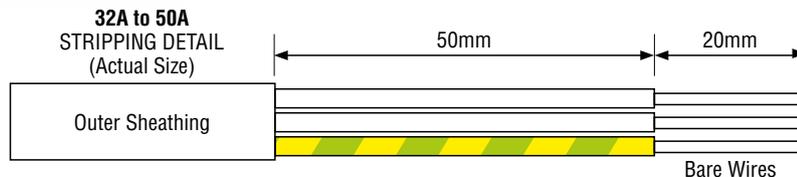
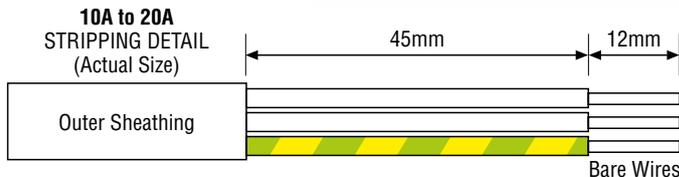
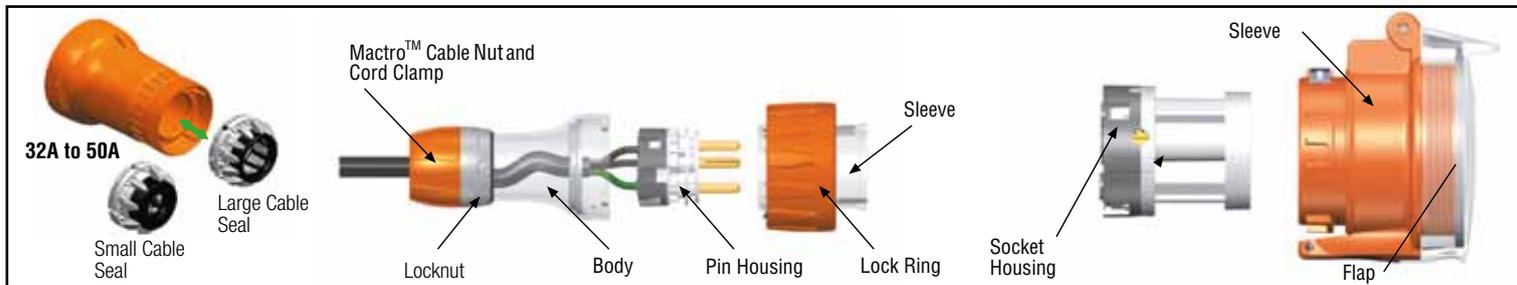


## Wiring instructions for 56 Series™ Plugs and Connectors (IP66)

Covers 3-phase 10A to 20A 4-pin to 7-pin versions, 3-phase 32A to 50A 4-pin to 5-pin versions and single-phase 20A to 32A 3-pin versions.



1. Select and fit to the body the appropriate size cable seal. Refer table opposite.
2. Thread cable through Mactro™ cable nut and strip as shown.
3. If using the QC type product, the conductor **MUST NOT** be twisted. For screw terminals, twist the conductors.
4. Terminate the conductors to the appropriate terminals in the pin housing.
5. **Double-check the wires are fitted to the correct terminals and the terminals are secured tight.**
6. Align the black orientation markers and then position the pin housing into the sleeve.
7. Attach the body, then turn the body ¼ turn to lock the bayonet mechanism. The spring clip should click into place.
8. Verify the clip has locked into place by twisting the body back to try and open it.
9. Tighten the Mactro™ cable nut to clamp and seal the cable.
10. Twist the lock nut to the locked position, preventing the cable nut from being undone.

CABLE SIZES			
RATING		Cable Entry Ø	Terminal Capacity
10A to 20A	Min.	7mm	1mm <sup>2</sup>
	Max.	16.4mm	4mm <sup>2</sup> (QC) 6mm <sup>2</sup> (screwed)
32A to 50A (small cable seal)	Min.	9mm	2.5mm <sup>2</sup>
	Max.	18mm	6mm <sup>2</sup>
32A to 50A (large cable seal)	Min.	18mm	6mm <sup>2</sup>
	Max.	29mm	25mm <sup>2</sup>

Complies with GB/T 11918 and GB/T 11919 AS/NZS 3123 and AS60529 (IP66).

## 1. OPEN IT



No need to fully remove the cable nut, it can stay on!

Place 56 Mactro™ unlocking tool into spring clip, rotate locknut to **unlock**.

Alternatively, insert screwdriver and **press** spring clip, then rotate locknut to **unlock**.



**PRESS** clip once and **REMOVE** screwdriver.



**TWIST** plug body left to open.

## 2. WIRE IT

QC spring terminals - clamping on conductors



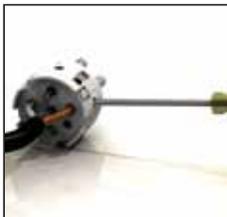
Fully insert a flat screwdriver into the slot to open terminal.



Insert stripped non-twisted conductor and remove screwdriver.

Or

if using conventional screw terminals.



Insert stripped conductors and tighten terminal screws.

## 3. CLOSE IT



Align arrows, twist body right and **click** to close.

## LOCK IT!



Tighten the cable gland until fully done up, then rotate the lock nut to **locked** position.

Best-fit screwdriver = 4mm

