

# MULTIPIN

## Plugs & Receptacles



MELTRIC offers a broad range of multipin devices for use in a wide variety of control and power applications. Each device features MELTRIC's spring-loaded, silver-nickel butt-style contact technology that maximizes durability and performance. Multipin devices are available with as many as 37 or as few as 4 contacts. Products range from 2 A up to 50 A per contact and some include load making and breaking capabilities and/or horsepower ratings.



### COMPACT 5 TO 7 PIN CONNECTORS

- Up to 15 A per contact
- IP66/IP67
- Poly or metal casings



### HP RATED CONNECTORS-9 PINS

- Up to 5 hp @ 480VAC or 20 A per contact
- Multiple power or control circuits
- Metal casings



### COMPACT 12 PIN CONNECTORS

- Up to 7.5 A per contact
- IP66/IP67
- Poly or metal casings



### HP RATED CONNECTORS-20 PINS

- Up to 3 hp @ 480VAC or 15 A per contact
- Multiple power or control circuits
- Metal casings



### POLY CONNECTORS UP TO 24 PINS

- Up to 7.5 A per contact
- IP66/IP67
- Crimp or solder terminals



### HIGHER AMP 4 TO 7 PIN CONNECTOR

- Up to 30 A per contact
- Suitable for current interrupting
- Up to 3 auxiliary contacts



### POLY CONNECTORS UP TO 37 PINS

- Up to 7.5 A per contact
- IP66/IP67
- Crimp or solder terminals



### HIGHER AMP 4 TO 7 PIN CONNECTOR

- Up to 50 A per contact
- Non-current interrupting
- Up to 3 auxiliary contacts






# CRIMPING CONTACTS

## PN12c/DSN12c/ DSN24c/DSN37c

### ECONOMIC AND TECHNICAL ADVANTAGES

Crimping ensures an economical and sustainable solution through installation time saving and quality of connection.

- No need for soldering performance qualifications.
- High resistance to vibrations.
- Handling more than 5000 operations: a high durability and quality of connection guaranteed.

ACCESSORIES AND OPTIONS	DESIGNATION	REFERENCE
	Bag of 13 female contacts	PN12c 31-CA213
		DSN12c 31-CA213
		DSN24c 61-BA213
		DSN37c 61-CA213
	Bag of 13 male contacts	PN12c 01-AA113
		DSN12c 01-AA113
		DSN24c 61-BA113
		DSN37c 61-CA113
	Multi-Contact removal tool	61-CA593
	European crimping tool	61-CA500
	Crimper Tool (Greenlee or equal)	4CN30

### FAST WIRING

- Cable conductors: 1 mm<sup>2</sup> to 2.5 mm<sup>2</sup>
- Before wiring, equip each conductor with a heat-shrink sleeve or an insulating sleeve.
- After wiring, cover the visible portion of the contact with the sleeve.
- Crimp the contact with a KNIPEX crimping tool P/N° 61CA500 or a GREENLEE crimping tool P/N° 45505.
- Use the 4 mm<sup>2</sup> footprint whatever the conductor cross-section.
- Perform a double crimping in compliance with CEI 60352-2 standard.
- Conductors can equally be soldered.

## SIMPLE ASSEMBLY AND DISASSEMBLY



### Assembly

To insert contacts when they have been wired is simple. Push wired contact into rear of insulator until it stops to complete the installation.

### Disassembly

To remove, use the tool provided. Push tool from front onto contact until tool stops. Contact is then released at rear of insulator.

