

Cam-Lok™ F Series Connectors are specifically designed to meet the needs of harsh industrial welding applications. F Series Plugs and Receptacles offer superior reliability and safety while reducing downtime.

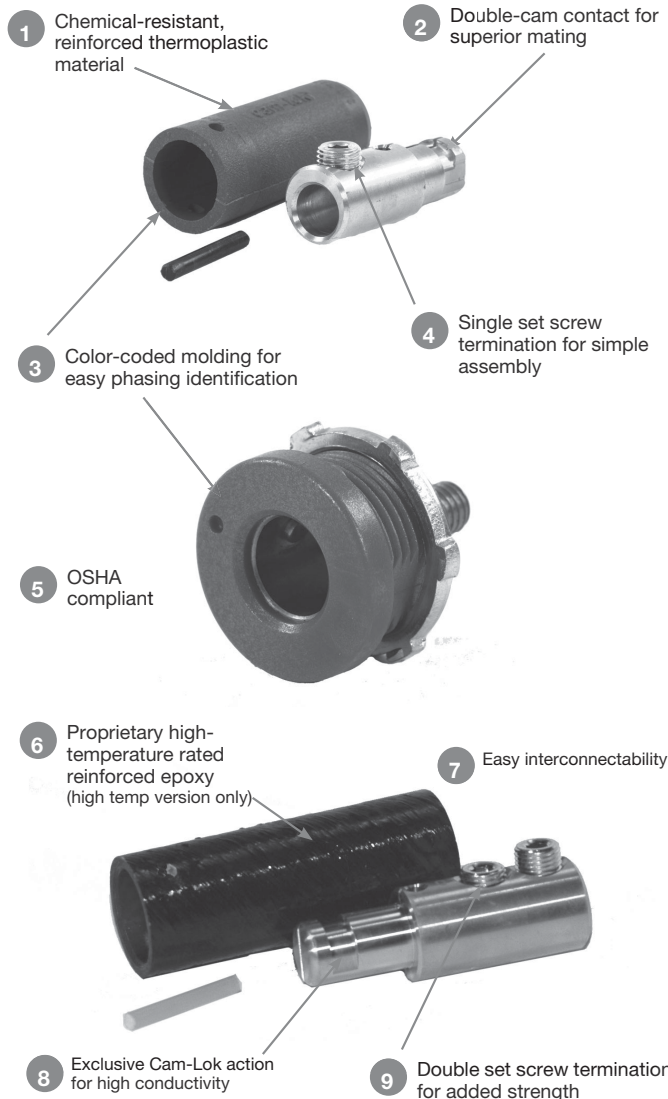
Applications:

- F Series Plugs and Receptacles are specifically designed for industrial applications where electrical equipment is exposed to harsh environments
- Ideal for welding equipment, power distribution panels, patch panels, and heat tracing applications, and are insulated for safety with reinforced thermoplastic or epoxy, or watertight elastomeric

Certifications and Compliances:

- Meets OSHA requirements for welding connectors
- Meets NEC® Code requirements for listed connectors that are of the locking type

Features:



Environmental Rating:

- NEMA 3

Standard Materials:

- Accepts cable sizes: #8 AWG - 4 / 0
- Insulator - reinforced thermoplastic (E1010, E1012); reinforced epoxy (E1012 high temperature); elastomeric (E1012 only)
- Contact - brass or silver-plated brass

Electrical Ratings:

- 120 Volts AC
- Up to 315 Amps continuous, 550 Amps intermittent

Temperature Ratings:

- Standard: up to 105°C
- High temperature: up to 180°C (365°F)

**Cable Size #2 AWG - 4 / 0
120VAC**

Up to 315A Continuous, 550A Intermittent

F Series E1012, Reinforced Thermoplastic or Elastomeric

Features:

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electro-mechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in., providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Product body molded from colorfast material, color-coded for easy identification
- Panel receptacles are safety insulated for direct mounting to steel panels
- Accepts a wide range of cable sizes

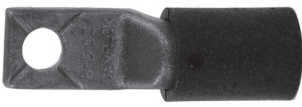
Testing and Code Compliance:

- OSHA compliant

Material Characteristics:

- Insulator - reinforced thermoplastic or TPE
- Temperature rating: -40°C to 105°C

Ordering Information - Female Terminal Connectors:

| | Cable Size | Color | Angle Style Cat. # | Offset Style Cat. # |
|---|------------|-------|--------------------|---------------------|
|  | #2 - 3 / 0 | Red | A201317-1 | A201317-5 |
| | #2 - 3 / 0 | Black | A201317-2 | A201317-6 |
| | 4 / 0 | Red | A201317-3 | N/A |
| | 4 / 0 | Black | A201317-4 | N/A |

A201317-6

Bolt hole: 1/2"

Ordering Information - Three Way "T" Connectors:

| Cable Size | Color | Paralleling "T" Cat. # M-M-F | Tapping "T" Cat. # M-F-F |
|------------|-------|------------------------------|--------------------------|
| #2 - 4 / 0 | Red | E1012-2324 | E1012-2314 |
| #2 - 4 / 0 | Black | E1012-2326 | E1012-2312 |

Ordering Information - High Impact Receptacles:

| Cable Size | Color | Cat. # | Description | Contact Material |
|------------|-------|-----------|-------------------|------------------|
| #2 - 3 / 0 | Red | E1012-301 | Female Receptacle | Brass |
| #2 - 3 / 0 | Black | E1012-302 | Female Receptacle | Brass |
| #2 - 4 / 0 | Red | E1012-303 | Female Receptacle | Brass |
| #2 - 4 / 0 | Black | E1012-304 | Female Receptacle | Brass |
| #2 - 4 / 0 | Red | E1012-305 | Female Receptacle | Copper |
| #2 - 4 / 0 | Black | E1012-306 | Female Receptacle | Copper |
| #2 - 4 / 0 | Red | E1012-307 | Male Receptacle | Brass |
| #2 - 4 / 0 | Black | E1012-308 | Male Receptacle | Brass |



E1012-2324

Maximum torque: 20 ft.

To order single packaged products, add a "K" suffix to the complete catalog number.

Dimensions:

