

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:

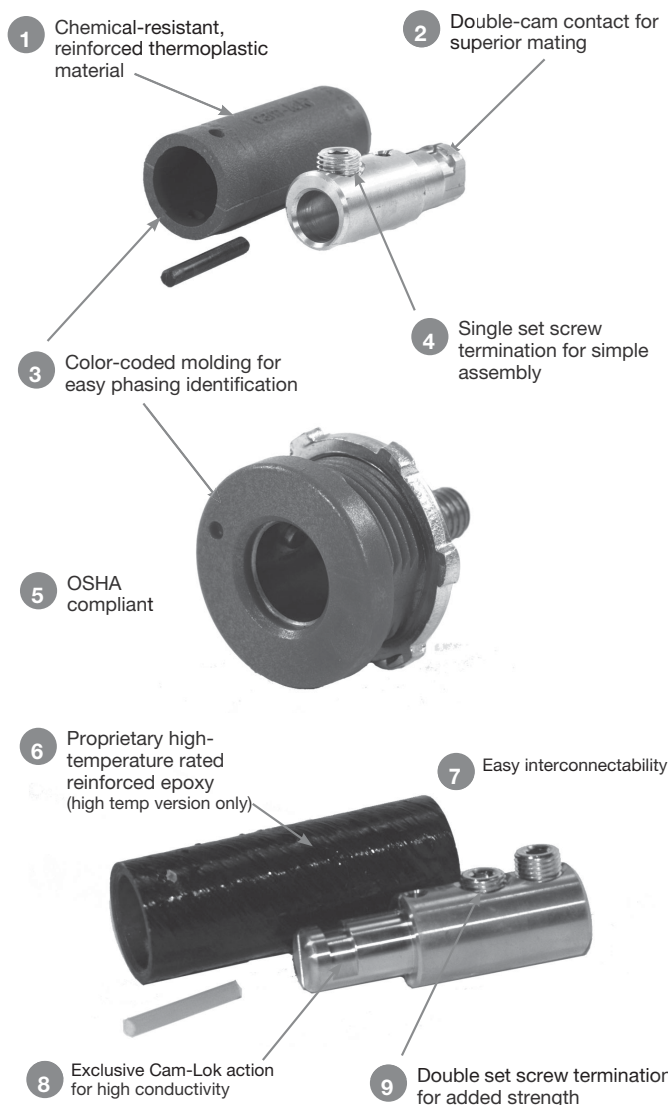
- Accepts cable sizes: #8 AWG - 4 / 0
- Insulator - reinforced thermoplastic (E1010, E1012); reinforced epoxy (E1012 high temperature); elastomeric (E1012 only)
- Contact - brass or silver-plated brass

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)



11P Cam-Lok™ F Series E1010 Plugs and Receptacles

Cable Size #8 - #4 AWG

120VAC

Up to 150A Continuous, 200A Intermittent

F Series E1010, Reinforced Thermoplastic

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
- Thermoplastic insulators 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
- Temperature rating: -40°C to 105°C

Ordering Information - Plugs:

		Male Plugs				Female Plugs		
 E1010-61		Cable Size	Color	Complete Cat. #	Insulator Cat. #	Complete Cat. #	Insulator Cat. #	Retaining Pin Cat. #
	Set	#8 - #4	Red	E1010-61	201281-410RM	E1010-71	201281-410RF	100091-2
	Screw	#8 - #4	Black	E1010-62	201281-410BM	E1010-72	201281-410BF	100091-2
	Solder	#8 - #4	Red	E1010-101	201281-410RM	E1010-111	201281-410RF	100091-2
		#8 - #4	Black	E1010-102	201281-410BM	E1010-112	201281-410BF	100091-2

Ordering Information - Female Terminal Connectors:

Cable Size	Color	Angle Style Cat. #	Offset Style Cat. #
#8 - #4	Red	E1010-181	E1010-201
#8 - #4	Black	E1010-182	E1010-202

Bolt hole: 9/16"

Ordering Information - High Impact Plastic Receptacles:

Cable Size	Color	Cat. #	Description
#8 - #4	Red	E1010-301	Female Receptacle
#8 - #4	Black	E1010-302	Female Receptacle
#8 - #4	Red	E1010-307	Male Receptacle
#8 - #4	Black	E1010-308	Male Receptacle

E1010-308

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

Dimensions:

