

# Single pole connectors



## F-Series E1012 Plugs

Cable Size #2 AWG – 4/0, 120V/AC  
Up to 315A Continuous, 550A Intermittent  
NEMA 3R

### F-Series E1012, elastomeric

#### Features

- Double cam principle provides a positive, vibration-proof connection.
- Self-compensating for wear.
- No moving contact surfaces, eliminating arcing or burning.
- Superior electromechanical 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.
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy identification.
- Accepts a wide range of cable sizes.

SINGLE SET SCREW MALE PLUGS				SINGLE SET SCREW FEMALE PLUGS			
CABLE SIZE	COLOR	COMPLETE PART NO.	CONTACT PART NO.	INSULATOR PART NO.	COMPLETE PART NO.	CONTACT PART NO.	INSULATOR PART NO.
#2-2/0	Black	E1012-8300	A200081-1	A200068-19	E1012-8325	A200067-1	A200069-19
#2-2/0	Red	E1012-8302	A200081-1	A200068-21	E1012-8327	A200067-1	A200069-21
2/0-4/0	Black	E1012-8312	A200080-1	A200068-13	E1012-8337	A200066-1	A200069-13
2/0-4/0	Red	E1012-8314	A200080-1	A200068-15	E1012-8339	A200066-1	A200069-15



E1012-8350

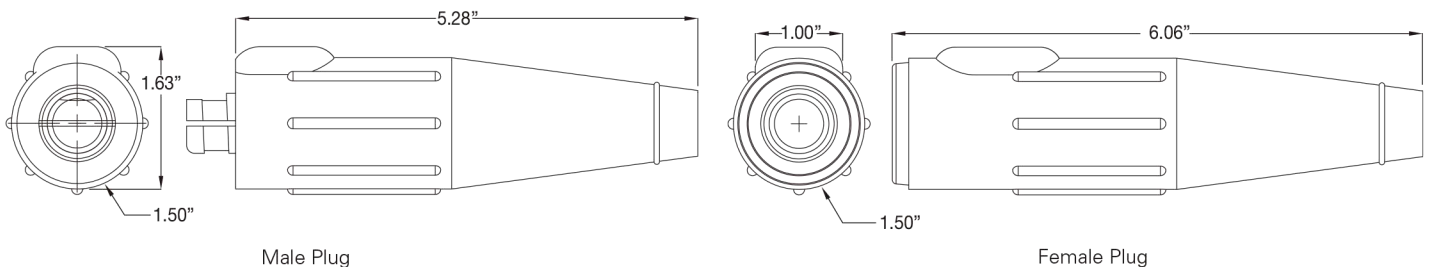
DOUBLE SET SCREW MALE PLUGS				DOUBLE SET SCREW FEMALE PLUGS			
CABLE SIZE	COLOR	COMPLETE PART NO.	CONTACT PART NO.	INSULATOR PART NO.	COMPLETE PART NO.	CONTACT PART NO.	INSULATOR PART NO.
#2-2/0	Black	E1012-8350	A200643-1	A200068-19	E1012-8375	A200640-1	A200069-19
#2-2/0	Red	E1012-8352	A200643-1	A200068-21	E1012-8377	A200640-1	A200069-21
2/0-4/0	Black	E1012-8362	A200644-1	A200068-13	E1012-8387	A200642-1	A200069-13
2/0-4/0	Red	E1012-8364	A200644-1	A200068-15	E1012-8389	A200642-1	A200069-15



E1012-8377

CRIMP OR SOLDER MALE PLUGS				CRIMP OR SOLDER FEMALE PLUGS			
CABLE SIZE	COLOR	COMPLETE PART NO.	CONTACT PART NO.	INSULATOR PART NO.	COMPLETE PART NO.	CONTACT PART NO.	INSULATOR PART NO.
#2-#1	Black	E1012-8006	A200036-30	A200068-19	E1012-8056	A200037-35	A200069-19
#2-#1	Red	E1012-8008	A200036-30	A200068-21	E1012-8058	A200037-35	A200069-21
1/0-2/0	Black	E1012-8012	A200036-31	A200068-19	E1012-8062	A200037-36	A200069-19
1/0-2/0	Red	E1012-8014	A200036-31	A200068-21	E1012-8064	A200037-35	A200069-21
3/0-4/0	Black	E1012-8030	A200038-30	A200068-13	E1012-8080	A200035-53	A200069-13
3/0-4/0	Red	E1012-8032	A200038-30	A200068-15	E1012-8082	A200035-53	A200069-15

To order single packaged products add a "K" suffix to the complete part number



#### MATERIAL CHARACTERISTICS

- Insulator: TPE
- Temperature Rating: -40° C to 105° C

## Discover how Cam-Lok™ J-Series connectivity outperforms hardwiring

Cam-Lok™ J-Series connectors quickly replace traditional hardwiring and offer more safety with integrated watertight insulators and a strain relief system. Plus, a wide range of sizes, colors and accessories are available for complete flexibility.

### Features

- 1 Non-metallic retaining screw provides safe, strong and reliable contact retention
- 2 Easy assembly with standard tools
- 3 Retaining screw snaps into place to prevent loss
- 4 E-Z align drive pin increases torque and longitudinal strength 300%
- 5 Accommodates a wide range of cable sizes: #2 – 4/0
- 6 Non-vulcanized E1016 & EZ1016 plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- 7 Double set screw termination for added strength (crimp also available)
- 8 Fully insulated for direct mounting to steel panels
- 9 Threaded stud and double set screw receptacles available (other terminations and stud lengths available)
- 10 Snapback covers provide NEMA 3R environmental seal
- 11 High impact-resistant thermoplastic protects receptacles from damage
- 12 Custom cover logos available
- 13 Wide range of colors available

# Single pole connectors

## Cam-Lok™ J-Series E-Z1016 plugs

Cable Size #6 – #2 AWG  
600V AC/DC, Up to 190A Continuous  
NEMA 3R

### J-Series E-Z1016, elastomeric, non-vulcanized, double set screw connection

#### Features

- E-Z assembly and disassembly-no tools needed.
- Double cam principle provides a positive, vibration-proof connection.
- Self-compensating for wear.
- No moving contact surfaces, eliminating arcing or burning.
- Superior electromechanical 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.
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification.
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety.
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure.
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact.
- Accepts a wide range of cable sizes.



E-Z1016-8822



E-Z1016-8821

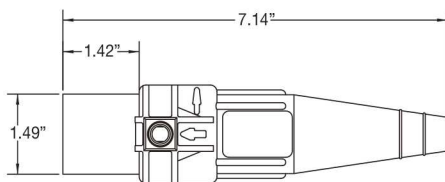
#### DOUBLE SET SCREW NON-VULCANIZED MALE PLUGS

CABLE SIZE	COLOR	COMPLETE PART NO.	CONTACT ONLY PART NO.	INSULATOR ONLY PART NO.
#6-#2	BLACK	E-Z1016-8818	A200630-13	E-Z200074-88
	RED	E-Z1016-8820		E-Z200074-89
	GREEN	E-Z1016-8822		E-Z200074-90
	WHITE	E-Z1016-8824		E-Z200074-91
	BLUE	E-Z1016-8826		E-Z200074-92
	BROWN	E-Z1016-8828		E-Z200074-93
	ORANGE	E-Z1016-8830		E-Z200074-94
	YELLOW	E-Z1016-8832		E-Z200074-95

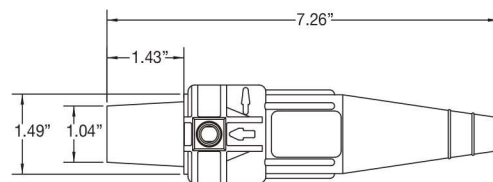
#### DOUBLE SET SCREW NON-VULCANIZED FEMALE PLUGS

CABLE SIZE	COLOR	COMPLETE PART NO.	CONTACT ONLY PART NO.	INSULATOR ONLY PART NO.
#6-#2	BLACK	E-Z1016-8819	A200640-13	E-Z200075-80
	RED	E-Z1016-8821		E-Z200075-81
	GREEN	E-Z1016-8823		E-Z200075-82
	WHITE	E-Z1016-8825		E-Z200075-83
	BLUE	E-Z1016-8827		E-Z200075-84
	BROWN	E-Z1016-8829		E-Z200075-85
	ORANGE	E-Z1016-8831		E-Z200075-86
	YELLOW	E-Z1016-8833		E-Z200075-87

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Male Connector



Female Connector

#### CERTIFICATIONS

- Listed to UL1691
- Listed to CSA C22.2 No.1691-12

- CSA certified to C22.2, No. 182.3 LR13963
- NEMA 3R

#### MATERIALS

- Insulator: TPE

#### TEMPERATURE RATING

- Operating ambient: -40° C to 105° C