

Cam-Lok™ J-series applications, features & benefits

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 & benefits

Non-metallic retaining screw provides safe, strong and reliable contact retention

Easy assembly with standard tools

Retaining screw snaps into place to prevent loss

E-Z align drive pin increases torque and longitudinal strength 300%

Accommodates a wide range of cable sizes: #2 – 4/0

Double set screw termination for added strength (crimp also available)

Non-vulcanized E1016 & EZ1016 plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Fully insulated for direct mounting to steel panels

Threaded stud and double set screw receptacles available (other terminations available)

High impact-resistant thermoplastic protects receptacles from damage

Snapback covers provide NEMA 3R environmental seal

Custom cover logos available



Wide range of colors available

Single pole connectors

Cam-Lok™ J-series E1016 plugs

Product description

Cable size #2 – #1 AWG
600V AC/DC, up to 190A continuous
NEMA 4



E1016-7



E1016-58

J-series E1016, rubber, vulcanized, crimp connection

Features

- Vulcanizing permanently affixes plug insulator to cable for maximum protection against water, all kinds of weather, corrosion and other contaminants (requires vulcanizing kit/presses)
- Vulcanizing also reduces cable breakage by distributing flexing over a wide area for an effective strain relief system
- 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 neoprene insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E1016-7	A200036-2	A200706-7
	RD	E1016-9	A200036-2	A200706-9
	GR	E1016-11	A200036-2	A200706-11
	WH	E1016-12	A200036-2	A200706-12
	BU	E1016-46	A200036-2	A200706-97
	BRN	E1016-118	A200036-2	A200706-101
	ORG	E1016-10	A200036-2	A200706-10
	YEL	E1016-8	A200036-2	A200706-8

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E1016-56	A200037-2	A200705-7
	RD	E1016-58	A200037-2	A200705-9
	GR	E1016-60	A200037-2	A200705-11
	WH	E1016-61	A200037-2	A200705-12
	BU	E1016-95	A200037-2	A200705-64
	BRN	E1016-119	A200037-2	A200705-101
	ORG	E1016-59	A200037-2	A200705-10
	YEL	E1016-57	A200037-2	A200705-8

For E1016 rubber, vulcanized, crimp connection, see page F-51

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

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963

Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C

Compliances, specifications and availability are subject to change without notice.