

“J” Power Series

**SINGLE POLE CABLE
CONNECTORS**



***The industry standard for
connecting portable and
emergency power systems***

Distributed By:



Crouse-Hinds Cam-Lok single pole connectors are specially designed to provide the ultimate in reliable service even under the most severe operating conditions.

These single pole plugs and receptacles are insulated with a specially formulated elastomeric material to insure water-tightness and safety. They allow you to connect or disconnect electrical equipment instantly without tools. Cam-Lok connectors are the industry standard for motors, generators, indoor and outdoor lighting distribution panels, and numerous other power applications.

Crouse-Hinds Cam-Lok "J" Series plugs are available in two styles: field-attachable non-vulcanized and field-attachable vulcanized. Both meet NEMA 3R requirements. The "J" Power Series offers a choice of three cable ranges:

- **E1015 Series — For cable size #8-4, 600 volts, rated up to 150 amperes continuous.**
- **E1016 Series — For cable size #2-4/0, 600 volts, rated up to 400 amperes continuous.**
- **E1017 Series — For cable size 350-750CM, 600 volts, rated up to 690 amperes continuous.**
- **"J" Series tools and accessories - For E1015, E1016, E1017 connectors**

With "J" Power connectors you get:

EXCLUSIVE CAM-LOK ACTION FOR HIGH CONDUCTIVITY — Cam-Lok's double cam principle provides a positive, vibration proof connection. Just 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq./in. providing minimum resistance. It gives the best electrical and mechanical connection possible. There is no moving of contact surfaces and therefore, no arcing or burning of contacts. The contacts are a high conductivity copper base alloy carefully machined to a smooth sliding fit

SELF-COMPENSATING FOR WEAR — Locked contacts will withstand a pulling force of 1000 lbs.

RECESSED CONTACTS — Thermoplastic rubber or neoprene insulated jacket extends past end of both male and female contacts for insulation and safety.

EIGHT AVAILABLE COLORS — Green, white, black, red, blue, brown, orange and yellow to allow proper identification and phasing of 120 Volt, 240 Volt, and 480 Volt AC systems and proper polarity of DC systems. The connectors are rated for 600 Volts AC or DC.

SAFETY INSULATED PANEL RECEPTACLES — Panel mounted receptacles permit cable to be quickly connected or disconnected. Available in both male and female receptacles, they are insulated for direct mounting to steel panel's thus eliminating costly insulating boards and reducing assembly time. The E1016 series comes with a threaded stud for lug connection or double set screws for connecting cable directly.

INTERCONNECTIBILITY — All connectors within a series have the same connection diameter allowing you to connect smaller cables to larger ones. For example, in the E1016 Series you can connect a #2 to a 4/0 cable connector without an adapter.

Crouse-Hinds Cam-Lok connectors are designed to meet NEC Code requirements for listed connectors that are of the locking type. Cam-Lok "J" Power Series connectors provide the means to quickly connect and disconnect power systems safely at concerts and carnivals, as well as connecting generators, standby power, and load testing in hospitals, utilities, and heavy industrial environments. They are UL Listed and CSA Certified.*

Connectors can be furnished mounted and wired to suit your needs:

- in standard Hoffman panels
- in custom aluminum or stainless panels to match existing installations
- installed in Hoffman NEMA 3R wire troughs
- in custom stainless steel enclosures
- protective water-tight caps or NEMA 3R spring loaded covers can be installed on exterior mounted connectors

Custom Panels and Boxes are Available for all J series connectors.

Cam-Lok E1015 Series Single Pole Connectors

For Cable size #8 - #4 AWG - Rated up to 150 amperes continuous when used with #4 90° C cable.
Single Set Screw.

E1015 Cable Ends

	MALE PLUG			FEMALE PLUG		
	Complete Part No.	Contact Only Part No.	Insulator Only Part No.	Complete Part No.	Contact Only Part No.	Insulator Only Part No.
Black	E1015-8306	A100864-1	A100869-7	E1015-8331	A100865-1	A100868-7
Red	E1015-8308	A100864-1	A100869-9	E1015-8333	A100865-1	A100868-9
Green	E1015-8310	A100864-1	A100869-11	E1015-8335	A100865-1	A100868-11
White	E1015-8311	A100864-1	A100869-12	E1015-8336	A100865-1	A100868-12
Blue	E1015-8313	A100864-1	A100869-14	E1015-8338	A100865-1	A100868-14

E1015 Panel Mounts

Threaded Stud 5/16" – 18 x 3/4"
Max Torque = 15 ft. lbs.

	MALE	FEMALE
Black	E1015-1600s	E1015-1625s
Red	E1015-1602s	E1015-1627s
Green	E1015-1604s	E1015-1629s
White	E1015-1605s	E1015-1631s
Blue	E1015-1606s	E1015-1631s



E1015 Three Way Connectors

	PARELLEING "T" Male-Male-Female	TAPPING "T" Male-Female-Female	DOUBLE FEMALE
Black	E1015-2324	E1015-2312	E1015-2352
Red	E1015-2326	E1015-2314	E1015-2354
Green	E1015-2328	E1015-2316	E1015-2356
White	E1015-2329	E1015-2317	E1015-2357
Blue	E1015-2348	E1015-2350	E1015-2358



E1015 SNAP-BACK COVERS

E1015 series Cam-Lok receptacles with the NEMA 3R covers provide a space saving alternative for use on outdoor distribution boxes rated at 150 Amps or less. The E1015 saves mounting space while providing the safety and dependability of the Cam-Lok design. When the receptacles are not in use, the covers provide a NEMA 3R rated environmental seal, which will provide protection against falling rain, and sleet and against accidental contact with all metal parts of the connector.

	Part #
Black	E1015SC-32
Red	E1015SC-36
Green	E1015SC-35
White	E1015SC-38
Blue	E1015SC-34
Brown	E1015SC-31
Orange	E1015SC-39
Yellow	E1015SC-37



NOTE: E1015 series connectors in brown, orange and yellow are available on special order. Contact your sales representative.



E1015 Female Offset Terminal Connectors

Stud Hole Size = 5/16"

	Part #
Black	E1015-575
Red	E1015-577
Green	E1015-579
White	E1015-580
Blue	E1015-581



NOTE: Colors available only in 10 piece minimum orders.

Cam-Lok E1016 Series Single Pole Connectors

EZ-1016 Cable Ends

For #2 to 2/0 Wire
Double Set Screw Contacts

MALE PLUG

FEMALE PLUG

	Complete Part No.	Contact Only Part No.	Insulator Only Part No.	Complete Part No.	Contact Only Part No.	Insulator Only Part No.
Black	E-Z1016-8350	A2000630-1	E-Z200074-19	E-Z1016-8375	A200640-3	E-Z200075-19
Red	E-Z1016-8352	A2000630-1	E-Z200074-21	E-Z1016-8377	A200640-3	E-Z200075-21
Green	E-Z1016-8354	A2000630-1	E-Z200074-23	E-Z1016-8379	A200640-3	E-Z200075-23
White	E-Z1016-8355	A2000630-1	E-Z200074-24	E-Z1016-8380	A200640-3	E-Z200075-24
Blue	E-Z1016-8356	A2000630-1	E-Z200074-38	E-Z1016-8381	A200640-3	E-Z200075-44

NOTE: If using small cable, use extra copper shims available in packs of 20 (Part No. A100400-5)

EZ-1016 Cable Ends

For 2/0 to 4/0 Wire
Double Set Screw Contacts

Rated up to 400 amperes continuous when used with 4/0 90° C cable. Appreciated for its safety and durability, this is the industry standard for portable power systems

MALE PLUG

FEMALE PLUG

	Complete Part No.	Contact Only Part No.	Insulator Only Part No.	Complete Part No.	Contact Only Part No.	Insulator Only Part No.
Black	EZ1016-8362	A200639-1	E-Z200074-60	EZ1016-8387	A200641-1	E-Z200075-60
Red	EZ1016-8364	A200639-1	E-Z200074-62	EZ1016-8389	A200641-1	E-Z200075-62
Green	EZ1016-8366	A200639-1	E-Z200074-64	EZ1016-8391	A200641-1	E-Z200075-64
White	EZ1016-8367	A200639-1	E-Z200074-65	EZ1016-8392	A200641-1	E-Z200075-65
Blue	EZ1016-8368	A200639-1	E-Z200074-66	EZ1016-8393	A200641-1	E-Z200075-66
Brown	EZ1016-8369	A200639-1	E-Z200074-67	EZ1016-8394	A200641-1	E-Z200075-67
Orange	EZ1016-8365	A200639-1	E-Z200074-63	EZ1016-8390	A200641-1	E-Z200075-63
Yellow	EZ1016-8363	A200639-1	E-Z200074-61	EZ1016-8388	A200641-1	E-Z200075-61



E1016 Panel Mounts

Stud 1/2" – 13 x 1 1/8" Max Torque = 40 ft. lbs

	THREADED STUD		DOUBLE SET SCREW	
	MALE	FEMALE	MALE	FEMALE
Black	E1016-1600s	E1016-1631s	E1016-1700	E1016-1725
Red	E1016-1602s	E1016-1633s	E1016-1702	E1016-1727
Green	E1016-1604s	E1016-1635s	E1016-1704	E1016-1729
White	E1016-1605s	E1016-1636s	E1016-1705	E1016-1730
Blue	E1016-1612s	E1016-1643s	E1016-1706	E1016-1731
Brown	E1016-1619s	E1016-1687s	E1016-1707	E1016-1732
Orange	E1016-1603s	E1016-1634s	E1016-1703	E1016-1728
Yellow	E1016-1601s	E1016-1632s	E1016-1701	E1016-1726



NOTE: This item can be installed in custom rack mount panels or are ready to be installed in your rack. Power indicator lights are also available.

E1016 Three Way Connectors

	PARALLELLING "T" Male-Male-Female	TAPPING "T" Male-Female-Female	DOUBLE FEMALE	DOUBLE MALE
Black	E1016-2324	E1016-2312	E1016-2352	E1016-2382
Red	E1016-2326	E1016-2314	E1016-2354	E1016-2384
Green	E1016-2328	E1016-2316	E1016-2356	E1016-2386
White	E1016-2329	E1016-2317	E1016-2357	E1016-2387
Blue	E1016-2348	E1016-2350	E1016-2358	E1016-2388



E1016 SNAP-BACK COVERS

Cam-Lok receptacles with the NEMA 3R covers are the connector of choice for use on outdoor distribution boxes. When the receptacles are not in use, the covers provide a NEMA 3R rated environmental seal, which will provide protection against falling rain, and sleet and against accidental contact with all metal parts of the connector.

	Part #
Black	E1016SC-32
Red	E1016SC-36
Green	E1016SC-35
White	E1016SC-38
Blue	E1016SC-34
Brown	E1016SC-31
Orange	E1016SC-39
Yellow	E1016SC-37



NOTE: Metal Snap Back Covers also available (Part No. A100895-1)

E1016 Protective Caps with Lanyards

For Panel Mounts or Cable Plugs

	MALE	FEMALE
Black	A100601-1	A100602-1
Red	A100601-5	A100602-19
Green	A100601-9	A100602-21
White	A100601-11	A100602-22
Blue	A100601-15	A100602-24



NOTE: E1016 series connectors in brown, orange and yellow are available on special order. Contact your sales representative.



E1016 Three-Fer Tapping Tees*

45 DEGREE
THREE-FER
M-F-F-F

45 DEGREE
THREE-FER
F-M-M-M

Black
Red
Green
White
Blue
Brown
Orange
Yellow

E1016-9510
E1016-9512
E1016-9514
E1016-9515
E1016-9516
E1016-9517
E1016-9513
E1016-9511

E1016-9580
E1016-9600
E1016-9620
E1016-9630
E1016-9640
E1016-9650
E1016-9610
E1016-9590



NOTE: Minimum Order of 5 Units

E1016 Female Angle and Offset Terminal Connectors

Stud Hole Size = 1/2"

ANGLE
Part #

OFFSET
Part #

Black
Red
Green
White
Blue

E1016-575
E1016-577
E1016-579
E1016-580
E1016-581

E1016-625
E1016-627
E1016-629
E1016-630
E1016-638



Cam-Lok E1017 Series Single Pole Connectors

The serious connector for serious power distribution systems. For Cable sizes 350 to 750 MCM and rated up to 690 amperes continuous service. For large generator, load bank, air conditioning or chiller units. Rated for 600 volts AC or DC.

E-1017 Cable Ends

For 350 – 535 MCM Wire
Double Set Screw Contact

MALE PLUG

FEMALE PLUG

	Complete Part No.	Contact Only Part No.	Insulator Only Part No.	Complete Part No.	Contact Only Part No.	Insulator Only Part No.
Black	E1017-350	A200612-1	A200056-1	E1017-375	A200614-2	A200040-1
Red	E1017-352	A200612-1	A200056-3	E1017-377	A200614-2	A200040-3
Green	E1017-354	A200612-1	A200056-5	E1017-379	A200614-2	A200040-5
White	E1017-355	A200612-1	A200056-6	E1017-380	A200614-2	A200040-6
Blue	E1017-356	A200612-1	A200056-37	E1017-381	A200614-2	A200040-39



NOTE: Crimp style contacts are available on special order for 750 MCM wire. Contact your sales representative.

E1017 Panel Mounts

Wire Attachment is 1/2" Threaded Male Stud

90 DEGREE STYLE

30 DEGREE STYLE

	MALE	FEMALE	MALE	FEMALE
Black	E1017-1600	E1017-1625	E1017-1601	E1017-1626
Red	E1017-1604	E1017-1629	E1017-1605	E1017-1630
Green	E1017-1608	E1017-1633	E1017-1609	E1017-1634
White	E1017-1610	E1017-1635	E1017-1611	E1017-1636
Blue	E1017-1612	E1017-1637	E1017-1613	E1017-1638



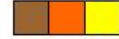
E1017 Protective Caps with Lanyards

For Cable Mount Plugs or Receptacles

	MALE	FEMALE
Black	A100603-1	A100604-1
Red	A100603-5	A100604-5
Green	A100603-9	A100604-9
White	A100603-11	A100604-11
Blue	A100603-15	A100604-15



NOTE: E1017 series in brown, orange and yellow are available on special order.
Contact your sales representative.



E1017 Female Angle and Offset Terminal Connectors

Bolt Hole Size = 5/8"

	ANGLE Part #	OFFSET Part #
Black	E1017-575	E1017-625



“J” Series Tools, Hardware, and Accessories

E1016 Assembly Tool

Used to insert install insulator onto contact

Part #

A400001



Com-A-Long Tool

For holding contact when assembling or disassembling Cam-Lok connector

MALE

FEMALE

For E1015 Series

A2000020-1

A2000020-2

For E1016 Series

A2000020-3

A2000020-4

For E1017 Series

A2000020-5

A2000020-6



Silicone Grease

For lubricating synthetic rubber insulators during assembly (2 oz.)

Part #

A101208



Cable Cutters

Cuts #6 – 4/0 – 500 mcm or larger cable

Part #

J-C999



Brass Hardware Kits for threaded stud panel mounts

Includes brass nut, large brass flat washer and silicon bronze lock washer

Part #

For E1015 Series	E1015 BRASS
For E1016 Series	E1016 BRASS
For E1017 Series	E1017 BRASS

Miscellaneous Hardware

Part #

Set Screws

For E1015 Series	(10 pack)	100012-25
For E1016 Series	(10 pack)	100012-18
For E1017 Series	(10 pack)	100012-5

Copper Shims

For E1015 Series	(20 pack)	A100400-2
For E1016 Series	(20 pack)	A100400-5
For E1017 Series	(10 pack)	A100400-9

Retaining Wire

100573-1

Nylon fiberglass Retaining Screw

For EZ1016 Insulator	(10 pack)	1317659
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Part #

Copper Crossover Bar for Thru Panels

For E1016 – ¼" thick, 2" x 4",
Hole Dimension – 2 5/8" Center to Center

E1016 – copper bar

Mounting Hardware

For E1016 – 10/24 bolts & 10/24 Lock Nuts

E1016 – hardware