




E1015 Series


Connectors and Accessories for cable size #8-#4,
600 volts, rated up to 150 amperes continuous

NON-VULCANIZED			MALE PLUG			FEMALE PLUG			
	COLOR	CABLE SIZE	COMPLETE PART NO.	CONTACT ONLY PART NO.	INSULATOR ONLY PART NO.	COMPLETE PART NO.	CONTACT ONLY PART NO.	INSULATOR ONLY PART NO.	
 MALE FEMALE <i>SET-SCREW</i>	BLACK	#8-#4	E1015-8306	A100864-1	A1000869-7	E1015-8331	A100865-1	A1000868-7	
	RED		E1015-8308			A1000869-9			E1015-8333
GREEN	E1015-8310		A1000869-11			E1015-8335			A1000868-11
WHITE	E1015-8311		A1000869-12			E1015-8336			A1000868-12
	BLUE		E1015-8313	A1000869-14	E1015-8338		A1000868-14		

VULCANIZED			MALE PLUG			FEMALE PLUG				
	COLOR	CABLE SIZE	COMPLETE PART NO.	CONTACT ONLY PART NO.	INSULATOR ONLY PART NO.	COMPLETE PART NO.	CONTACT ONLY PART NO.	INSULATOR ONLY PART NO.		
 MALE FEMALE <i>CRIMP</i>	BLACK	#8-#4	E1015-1	A100087-1	A100092-1	E1015-50	A100088-1	A100093-1		
	RED		E1015-3			A100092-3			E1015-52	A100093-3
	GREEN		E1015-5			A100092-5			E1015-54	A100093-5
	WHITE		E1015-6			A100092-6			E1015-55	A100093-6
	BLUE		E1015-19			A100092-7			E1015-47	A100093-14

		MALE RECEPTACLE		FEMALE RECEPTACLE	
	COLOR	CABLE SIZE	COMPLETE PART NO.		COMPLETE PART NO.
 MALE FEMALE	BLACK	#8-#4	E1015-1600		E1015-1625
	RED		E1015-1602		E1015-1627
	GREEN		E1015-1604		E1015-1629
	WHITE		E1015-1605		E1015-1630
	BLUE		E1015-1606		E1015-1631


1 3/8" Dia. Bolt Hole Center Line 7/8" Dia. Thru Hole




Bolt Holes 3/16" Dia. 1 7/8" FLANGE O.D.


MOUNTING DIMENSIONS

Threaded stud size 5/16"-18

FEMALE TERMINAL CONNECTORS				
	COLOR	CABLE SIZE	ANGLE STYLE COMPLETE PART NO.	OFFSET STYLE COMPLETE PART NO.
 ANGLE STYLE OFFSET STYLE	BLACK	#8-#4	E1015-575	E1015-625
	RED		E1015-577	E1015-627
	GREEN		E1015-579	E1015-629
	WHITE		E1015-580	E1015-630
	BLUE		E1015-581	E1015-631

Stud hole size 5/16"

THREE WAY "T" CONNECTORS				
	COLOR	PARALLELING "T" COMPLETE PART NO.	TAPPING "T" COMPLETE PART NO.	DOUBLE FEMALE COMPLETE PART NO.
 PARALLELING "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

PROTECTIVE CAPS			
	COLOR	COMPLETE PART NO.	DESCRIPTION
 MALE FEMALE	BLACK	A100793-1	CAP FOR MALE
	BLACK	A100792-1	CAP FOR FEMALE

Cam-Lok "J" Power Series



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COVER PHOTO — Cutaway of the exclusive locking feature of the Crouse-Hinds CAM-LOK "J" Power Series connector.

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 in a specially formulated elastomeric material for watertightness 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.

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, even before locking. **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.

COLOR CODED INSULATORS — All insulators are molded from colorfast material. The five different colors provide fast, easy phase identification.

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 panels thus eliminating costly insulating boards and reducing assembly time. They come 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.

Series	Connection Diameter	Cable Range
E1015	3/8"	#8-#4
E1016	11/16"	#2-4/0
E1017	1 1/8"	350-750 MCM

Meets 1993 NEC® Code

Crouse-Hinds Cam-Lok connectors are designed to meet 1993 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.***



Entertainment



Utilities

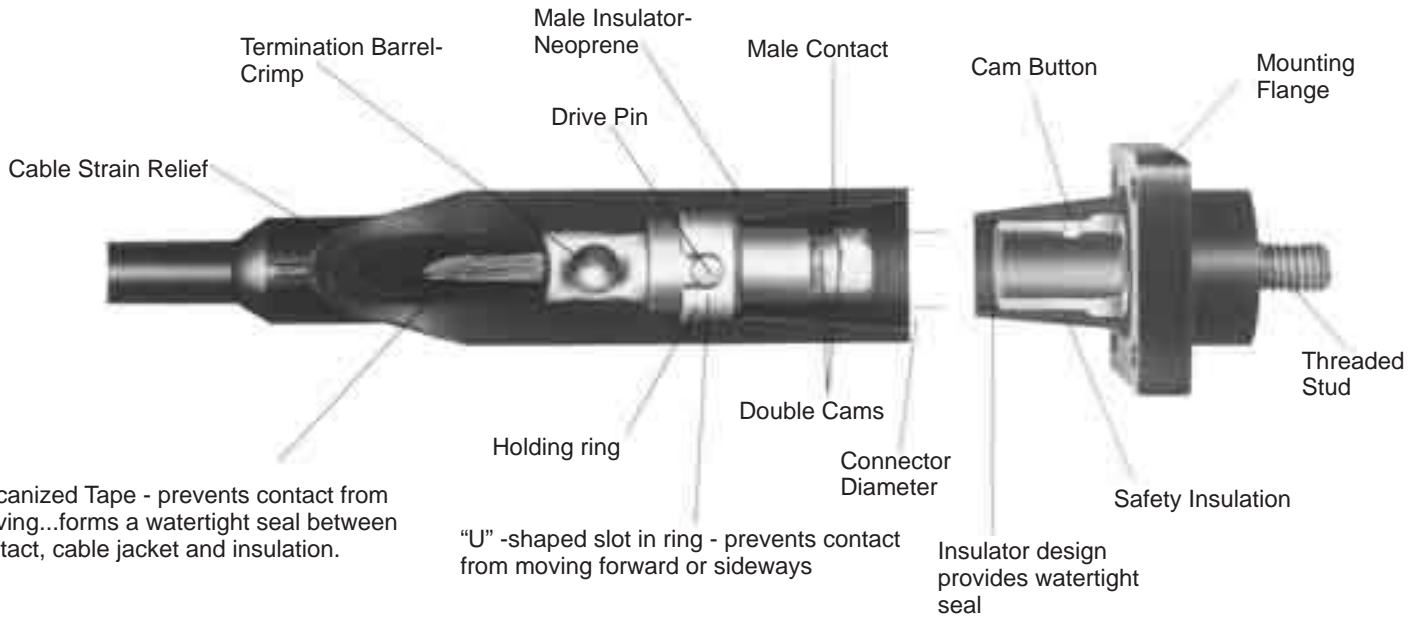
Carnivals

***Cam-Lok "J" Power Series connectors are UL Listed and CSA Certified only when used with genuine Crouse-Hinds Cam-Lok listed connectors.**



Construction/Industrial/Mining

Vulcanized Plugs



Vulcanizing has many advantages...

Five simple steps give you Molded-to-Cable Plugs.

WATERPROOF — Prevents corrosion, freezing of connectors, or internal corrosion of cable strands.

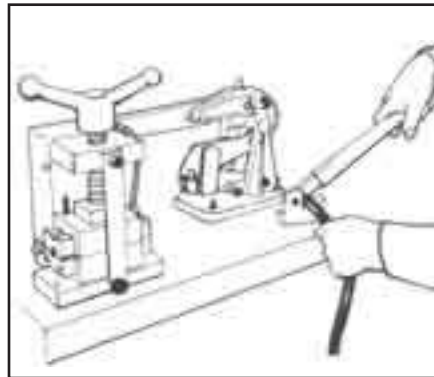
REDUCES CABLE BREAKAGE — Vulcanization distributes flexing over a wide area to provide an effective strain relief system.

SAFE — Minimizes shorts and shock hazards. Plug insulator is permanently vulcanized to cable so that cable jacket cannot pull away from connection exposing dangerous bare conductor. Can be used outdoors in all kinds of weather. Even around water your connections remain dry and safe.

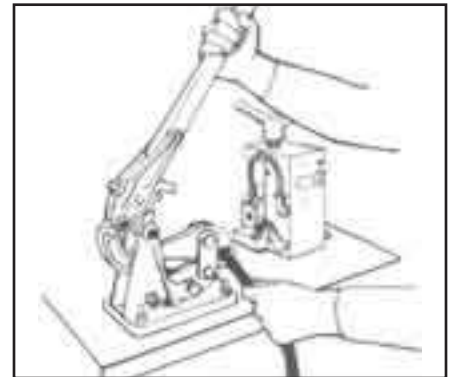
SHATTER RESISTANT — Insulators will not shatter or crack and are resistant to oil, gasoline, etc. Connections will withstand the impact of trucks or heavy plates without damage.

5 STEP PROCESS TAKES ONLY 7 MINUTES... Crouse-Hinds Portable Vulcanizing Press produces virtually indestructible cable connectors in

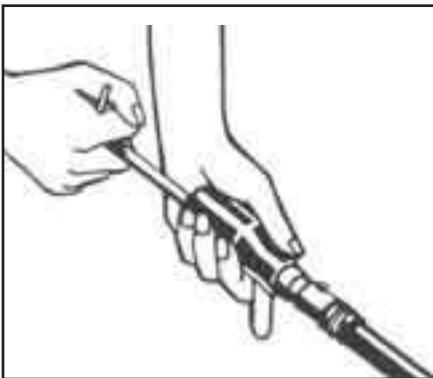
your own plant or in the field. You need only four inexpensive parts to make one pair of connectors.



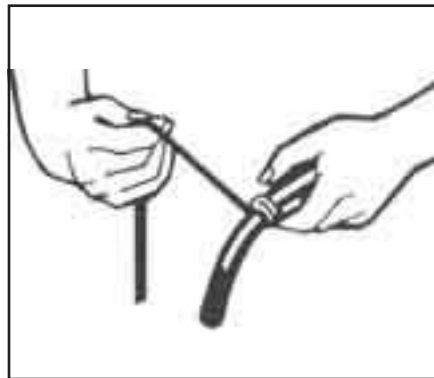
1. CUT CABLE, strip jacket. Insert bare wire in contact crimping tube.



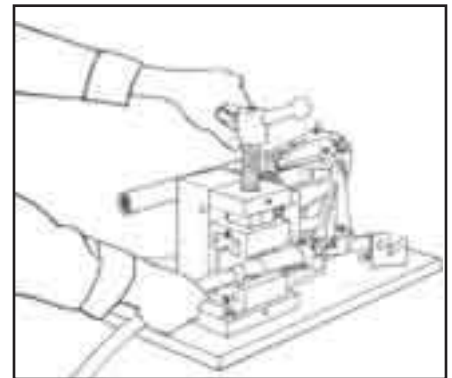
2. CRIMP contact to cable.



3. WRAP CRIMP TUBE and cable with uncured tape. Pull into insulator with COM-A-LONG tool.



4. WRAP UNCURED TAPE AROUND JOINT, sealing insulator to cable jacket.



5. MOLD. (5 steps take 7 minutes)... repeat process with other half of connector. Refer to EB #90 for detailed instructions.