

Ever-Lok® Locking Connections – Standard Ordering Information

New! DuraTite™ line offers thermoplastic performance and EverLok interface. See page 89.

Male Plugs

250 VAC Rating	Rating	Clamp Type	Max Cable Dia.	Bushing Type	Cable Bushing Hole Dia.	Hub Type*	Conduit Size		
2P3W	15 Amp	20 Amp, 1225VAC	8013N	½"	8153N	5/8"	8593N	½"	
		15 Amp, 250VAC					8593CTN**	½"	
		10 Amp, 600VAC					8593U1	½"	
		20 Amp, 125V	8013U1	½"	8153U1	5/8"	8593U1CT*	½"	
		15 Amp, 250VAC	8013U2	½"	8153U2	5/8"	8593U2	½"	
		15 Amp, 277VAC	8013U3	½"	8153U3	5/8"	8593U3	½"	
		15 Amp, 480VAC	8013U4	½"	8153U4	5/8"	Consult Factory		
	15 Amp, 600VAC	8013U5	½"	8153U5	5/8"	Consult Factory			
	30 Amp	30 Amp, 250V 20 Amp, 600VAC	8015	5/8"	8155	5/8"	8656	¾"	
	3P4W	15 Amp	20 Amp, 125V 10 Amp, 250V 15 Amp, 250VAC 10 Amp, 600VAC	8018	½"	8158	1 1/16"	8594	½"
30 Amp			20 Amp, 600VAC 30 Amp, 250V	8014	5/8"	8154	¾"	8597	½"
			8657	¾"					
50 Amp	50 Amp, 250VAC 30 Amp, 250V 30 Amp, 600VAC	8314-S 8314	¾" 1 1/8"	8354	1"	8396 8397	½" ¾"		

Notes for Plugs and Connectors:

Cable Bushing – oil resistant, neoprene cable bushing regularly furnished with hole size as listed. Other hole sizes available at no extra cost, when specified on order. See page 102 for available sizes. Bushing type plugs and connectors can be furnished with adapters to accommodate rigid conduit or standard connectors for armored and nonmetallic cable or flexible conduit. See page 102.

N in catalog number refers to Nickel plated Neutral Pin, replace. Ex: 8013 with 8013N.

Note: Special construction options for EverLok plugs include control "Dummy Plugs" for press lockout function. Consult Technical Services. (8158-F22863)

* Hub with clamp added at size.

** Accommodates rigid conduit or standard connectors for armored and nonmetallic cable or flexible conduit.

Ever-Lok® Locking Connections – Overview

Standard: 10-50 Amp, Maximum 600 VAC or 250 VDC

Heavy Service: 30-200 Amp Maximum 480 VAC or 250 VDC

Midget: 10-20 Amp Maximum 250 VAC or 250 VDC

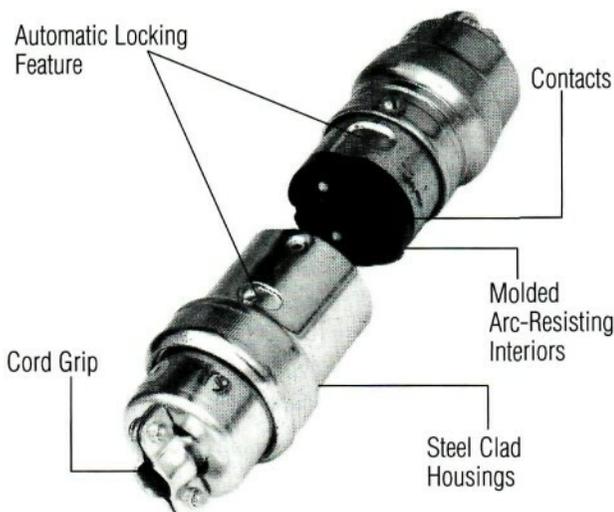


When an Ever-Lok connection is made, it is a mechanical attachment which will not pull apart unless it is unlocked by hand.

To install, line up the tabs and plug it straight in. External buttons or ribs lock with the mating internal

housing automatically. When an Ever-Lok plugs in, it stays in. Locked housings do the work so Ever-Lok contacts can carry the load! A firm grip and short 1/8 counter-clockwise reverse twist release locking for easy removal.

Design Features



- 1. Automatic Locking** – Automatic locking feature mechanically attaches the plug casing to the receptacle or connector, and eliminates strain on electrical contacts.
- 2. Positive Grounding** – Casings are positively grounded by means of phosphor bronze ground straps integral with ground contacts. Equipment grounding is secured by separate set of contacts which “make” first and “break” last as required by UL.

- 3. Dust-Proof** – On clamp type plugs and connectors a washer is provided in each cap to be forced over the cord. This serves as a shield to prevent metal particles, dust, etc., from entering the interiors of plugs and connectors.

Bushing type plugs and connectors are furnished with a gland nut and neoprene cable bushing gland to exclude dust and moisture. A formed glide washer is also provided to facilitate tightening of the gland nut.

Receptacle covers are sealed to boxes by gaskets and have hinged flaps which are gasket-lined and equipped with strong springs to keep them closed and dust-tight.

- 4. Steel-Clad** – Plugs and connectors are plated steel. Plugs have encased locking spring in machine assembled non-separable housings.
- 5. Cord Grip** – Plugs and connectors are provided with adjustable cord grips, preventing strains on connections.
- 6. Contacts** – Contacts are precision made, self-wiping and self-aligning brass and nickel plated brass.
- 7. Unit Assembly** – Contacts and terminals are permanently assembled in arc-resisting composition body permitting removal of interior as a unit for wiring. All connections are entirely enclosed, thus avoiding accidental short circuits and tampering by inexperienced personnel.
- 8. Handles Lined** – Shell handles have a HDPE liner to contain stray wire ends.
- 9. Interiors** – All interiors are molded arc-resisting composition.