

DuraTite® and Ever-Lok® Locking Connections

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

Heavy Service: 30–100 Amp, Maximum 480VAC or 250VDC

Midget: 10–20 Amp, Maximum 250VAC or 250VDC

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

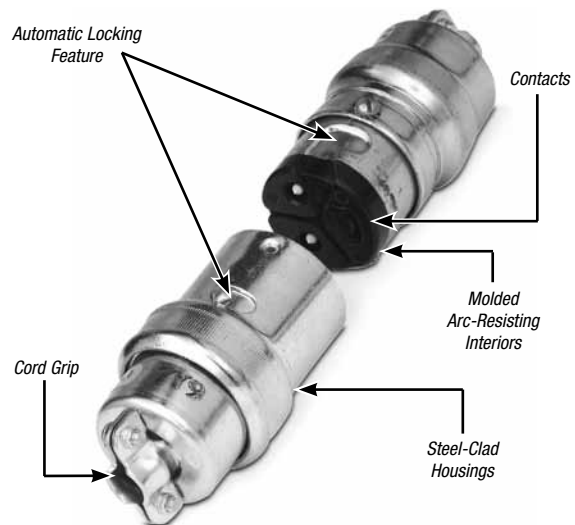
To install, line up the tabs and plug it straight in. External buttons or ribs lock with the mating internal housing automatically. When an Ever-Lok® connector plugs in, it stays in. Locked housings do the work so Ever-Lok® contacts can carry the load! A firm grip and a counter-clockwise reverse twist-release 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.

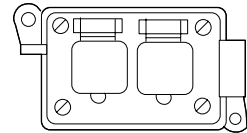
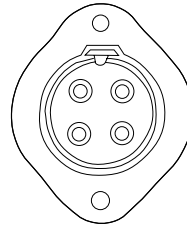
Bushing-type plugs and connectors are furnished with a gland nut and Neoprene cable bushing gland to exclude dust and moisture. A formed glide washer is also provided to facilitate tightening of the gland nut.

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 out.
- 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 an 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 an HDPE liner to contain stray wire ends.
- 9. Interiors** — All interiors are molded arc-resisting composition.



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Standard Service Female Receptacles



POLES/WIRES	RATING	SINGLE RECEPTACLE		FLANGED PANEL MOUNT RECEPTACLE	DUPLEX RECEPTACLE	
		RECEPTACLE ONLY	WITH BACK BOX		RECEPTACLES ONLY	WITH BACK BOX
2P3W	10 Amp, 250VDC	8703	8753	8943	8733	8773
	20 Amp, 250VAC*					
	20 Amp, 125VAC					
3P4W	15 Amp, 250VAC	8703U1	8753U1	8943U1	8733U1	8773U1
	10 Amp, 125VDC	8703U2	8753U2	8943U1	8733U2	8773U2
4P5W	20 Amp, 250VAC**	8704	8754	8944	8734	8774
	10 Amp, 125VDC	8705	8755	8945	8735	8775
	20 Amp, 250VAC**					

Notes:

* ½ hp, 1-Phase, 230VAC

**1 hp, 3-Phase, 115VAC

Specifications

- Receptacle Housing: Heavy gauge steel, plated
- Back Boxes: Type FSWS-62 standard, cast aluminum; Additional boxes available, see **page H-423**
- Gang Type: Can be furnished in gang or tandem units and in combination with other FS and FD devices; see **page H-423**
- Outlets: Standard, one ¼" top or bottom; additional outlets charged extra; see boxes listed on **page H-423**
- Plug and Connector Housings: Steel, plated
- Cable Diameter: Clamp Type: .500" max. cable diameter
- Bushing Type:
 - 2P3W — .563" diameter standard
 - 3P4W — .281" diameter standard
 - 4P5W — .594" diameter standard
- 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 H-425** for available sizes