

Quik-Loc™ Connectors



600 Volt Standard Quik-Loc™ Connector

Typical Applications:

- Drills
- Shuttle Cars
- Conveyors
- Power Distribution
- Slusher Hoists
- Motors
- Heavy Equipment
- Ship-to-Shore Power

Features and Benefits:

- **Corrosion Resistant** – Molded neoprene components (insert body, sleeve, grommets), neoprene covered alloy couplings and stainless steel clamps are unaffected by most chemicals and acids.
- **Field Attachable** – Quick field assembly requires standard tools with color-coded wiring terminals indicating proper conductor locations. Dual set-screw design enhances connection.
- **Quick Disconnect** – Couplers with “pin and groove” design support engagement and disengagement in just $\frac{3}{4}$ turn. Couplers revolve freely on replaceable ball bearings.
- **Safe** – All metal components are thoroughly insulated using a barrier of molded neoprene. A reversed ground pin assures positive polarization.
- **Watertight** – Compression fit of neoprene components and cable hugging grommets provide a moisture-tight seal. Positive water seal between mated connectors is provided by an O-ring-type seal molded to the connector.

600 Volt Standard Quik-Loc™ Connector - Features Overview

Nonslipping, worm-gear driven clamps assure a watertight fit between protective sleeve, terminal area and cable. Stainless steel components resist corrosion.

One-piece neoprene protective sleeve seals wiring area from dirt, grit, and moisture.

Sturdy neoprene covered metal couplings withstand rough handling and abuse. Pin and groove threads engage or disengage in just ¼ turn; won't cross thread or burr. (Largest model has double pitch Acme thread).

Copper alloy contacts provide low resistance electrical connection; firmly bonded in molded body, won't jar loose.

Flexible grommet adapts sleeve to varying cable diameters.

Couplers revolve freely on replaceable ball bearings.

Molded-on O-ring prevents entrance of water in mated connectors.

Neoprene shoulder fits snugly in female socket recess, sealing out water.



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600 Volt Plugs

600 VOLT QUIK-LOC™ PLUGS								
Max. Cable Size AWG	Suggested Cable Rating	Connector Rating Only † Amps (600 V)	Dimensions (Approximate Inches)		Part Number		Protective Cap For Plug Receptacle	
			A	B	Male	Female	For Male	For Female
FOR D.C. 2 POWER + 1 GROUND WITHOUT PILOT CIRCUIT CONTACTS								
4	70	125	4	13-9/16	X8323-4C	X8323-3C	3325656-2	3325656-1
2	95	160	4	13-11/16	X8324-2C	X8324-1C	3325656-2	3325656-1
2/0	150	225	4-3/16	15-5/16	X8325-3C	X8325-2C	3325656-4	3325656-3
4/0	200	325	4-5/8	13-15/16	X8326-1C	X8326-2C	3325656-8	3325656-7
400 MCM	280	500	6	19-9/16	X8327-1C	X8326-2C	3325656-10	3325656-9
FOR D.C. 2 POWER + 1 GROUND WITH PILOT CIRCUIT CONTACTS								
8	40	75	4	13-7/16	X8329-2C	X8329-1C	3325656-2	3325656-1
4	70	125	1	13-9/16	X8330-3C	X8330-4C	3325656-2	3325656-1
2	95	160	4-3/16	14-15/16	X8331-1C	X8331-4C	3325656-4	3325656-3
2/0	150	225	4-5/8	16-15/16	X8332-1C	X8332-8C	3325656-6	3325656-5
4/0	200	325	5	16-1/2	X8333-4C	X8333-3C	3325656-8	3325656-7
300 MCM	240	425	6-7/16	22-1/4	X8334-2C	X8334-1C	3325656-10	3325656-9
500 MCM	320	625	4-7/16	29-15/16	X8335-1C	X8335-2C	3325656-12	3325656-11
FOR A.C. 3 POWER + 1 GROUND WITHOUT PILOT CIRCUIT CONTACTS								
8	35	75	3-5/8	11-13/16	X8336-3D	X8336-2D	3325656-2	3325656-1
4	65	125	4	13-9/16	X8337-3D	X8337-4D	3325656-2	3325656-1
2	90	160	3-7/8	13-1/16	X8338-2D	X8338-3D	3325656-4	3325656-3
2/0	135	225	4-3/16	14-1/16	X8339-1D	X8339-2D	3325656-6	3325656-5
4/0	180	325	5	16-1/2	X8340-5D	X8340-4D	3325656-8	3325656-7
300 MCM	220	425	6-7/16	22-1/4	X8341-2C	X8341-1C	3325656-10	3325656-9
FOR A.C. 3 POWER + 1 GROUND WITH PILOT CIRCUIT CONTACTS								
8	35	75	4	13-7/16	X8343-5D	X8343-4D	3325656-2	3325656-1
4	65	125	3-7/8	13	X8344-5D	X8344-4D	3325656-4	3325656-3
2	90	160	4-3/16	14-1/16	X8345-5D	X8345-6D	3325656-6	3325656-5
2/0	135	225	4-5/8	13-15/16	X8346-2D	X8346-1D	3325656-6	3325656-7
4/0	180	325	6-7/16	21-15/16	X8347-2D	X8347-1D	3325656-8	3325656-9
400 MCM	250	500	7-7/16	29-1/16	X8348-3B	X8348-2B	3325656-10	3325656-11

Quik-Loc male and female connectors provide electrical, mechanical and environmental protection for 600 Volt AC and DC applications.

APPROVALS

600 Volt MSHA (Mine Safety Health Administration) approval for underground mining.

† This is connector rating only. Operating rating must be based on cable capacity.

