

JOY Push-Lock Connectors for heavy load, direct-current applications.

Electrical Parameters

Single Contact, #2 AWG through
750 MCM Conductor. Up to 120 Volt;
775 Amps; 600 Volt, 425 Amps; 5000
Volt, 540 Amps.

A highly reliable locking connector developed primarily for heavy load, direct-current applications such as welding or heavy equipment. The Push-Lock connector provides a low resistance electrical connection that can be locked in place or released with a twist of the wrist. Male and female plugs may be used together in line or mated with easy-to-install terminal back receptacles.

Resilient Neoprene construction

Neoprene molding over heavy contacts withstands heavy physical abuse; will not shatter, break, or crack.

Quick, simple locking device

A key-way in the male contact engages a pin in the female socket. With a twist of the wrist, the plug locks in place preventing accidental disconnects.

Sealed against contaminants

Neoprene shoulder around contact fits tightly into a recess in the female assembly effectively sealing out dust, oil, and water. Molded-to-cable plugs are sealed at the rear by continuous vulcanization to the cable. Attachable designs utilize a tight fitting neoprene sleeve further reinforced by an adjustable metal clamp.

Corrosion resistant

Neoprene construction is unaffected by common industrial environments such as oils, light acids, and moisture.

Easy installation

Receptacles and attachable plugs utilize a terminal back design providing for easy wiring.

