

Crouse-Hinds ECC Connectors with molded-to-cable construction provide circuit integrity.

Electrical Parameters

3 to 12 Contacts, #12 A WG Conductors.

Up to 600 Volts; 20 Amps.

A rugged combination of a molded-to-cable male plug and a female terminal back receptacle. The receptacle is designed for convenient mounting on standard FS or FD wiring boxes. The plug is furnished molded to various lengths of either Neoprene® or polyvinyl chloride, 600 volt cable.

The ECC Connector has found widespread use in applications where operating conditions are demanding, and the utmost in reliability is required due to the high cost of downtime.

Rugged construction

Resilient molded plug resists breaking or shattering when handled roughly or dropped. Tapered molded cable junction and built-in strain reliefs at rear of plug withstand extreme amounts of flexing and jerking. Contacts are bonded in rubber; won't loosen or fall out.

Positive polarization

Three way polarization — (pin arrangement, pin size and a polarizing rib) — provide positive polarization.

Water tight, dust tight and corrosion resistant

A full-length shroud over the male pins fits snugly around the mating surfaces of the receptacle. When the plug is not engaged, a spring-loaded receptacle cover seals out dirt, dust, and moisture. The mounting area of the wiring box is sealed by a flexible gasket. Specially formulated compounds are highly resistant to the deteriorating effects of oil, dust, acids and sunlight.

Safe

All electrical components are enclosed in or shielded by synthetic rubber insulation. Male contacts are covered by an extended shroud. In addition, the ground pin makes contact first and breaks contact last. The plug is held firmly in place by the spring-loaded cover, providing a secure connection.

Easily wired and installed

Contacts are permanently numbered for quick reference to color coding. Receptacles have well-separated terminals for simplified wiring and fit common factory wiring boxes for easy installation. Plugs are prewired and molded to cable at the factory eliminating the need for attachment on the job site.

Economical

No assembly labor to attach plugs to cable, saves time and money. Cost of plugs with cable compare with the cost of quality attachable plugs without cable.

