

Interconnects



A new environmental interconnect system with a patented coupling mechanism that provides rapid, one-handed connection and consistent mating has been introduced by Amphenol® Industrial Operations. The STAR-LOK® Series connectors are an industrial grade family of fast-mating plugs and receptacles for power, signal or mixed applications. They provide excellent performance in automation, process control, power generation, petrochemical and a variety of other demanding industrial systems.

The unique STAR-LOK spring-loaded reverse bayonet mechanism creates a positive metal-to-metal lock between the plug and the receptacle, with an easy push of the plug. Unmating requires only a simple 1/8 turn and pull. The connector is engineered to resist vibration, and the coupling mechanism also eliminates problems such as dirt, thread damage, and slower connection associated with threaded couplings. The metal-to-metal bottoming of mating components provides longer field life and reduced costs over competitive designs. Developed from the popular Pyle Star-Line® connector family, Amphenol STAR-LOK connectors are available in an array of signal, power and mixed arrangement designs. Amphenol offers a full range of interchangeable and reversible contact inserts to meet specific application needs. Power and control type connectors come with easily accessible solder, crimp or pressure terminals. Conductors are readily terminated to contacts, and cable housings are slipped over conductor leads after terminating, eliminating cumbersome handling and seating of inserts with conductors attached.

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