

Russellstoll®

Control Circuits Connectors – Overview

Defined

- Any application where electrical connections need protection from water and/or dust ingress to the contacts or the wiring compartment.
- Cable or conduit sealing and device locking designs are critical.
- Metal connectors are usually preferred for long service life.

Russellstoll Line Selections for Indoor Applications

SK/SKW Multi-Pin Control Circuit to 11P12W 20A

The toughest multi-circuit, screw-termination circular connector system; as SK indoor self locking or SKW outdoor collar locking; load breaking at 20 amps. Solid brass (silverplated) contacts ensure long life and interiors can be rebuilt. All pin-counts are available from 3P4W thru 11P12W, gasketed interiors in SKW.

Interlocks thru 4P5W 30 thru 400A

A broad offering of performance interlocks in sheet steel, cast aluminum or brass. Automotive/Industrial welding units include 60 & 100A versions, both Heavy Service Ever-Lok and MaxGuard lines. Switched, fused and circuit breaker versions are available, as well as switchgear selections. Custom enclosures wall-mount or column-mount in standard 8" I-Beam webs.

Switches 125 / 250VAC 10, 20 & 30A

SPST and SPDT Tumbler Switches are offered in industrial and hazardous duty styles. Heavy duty Cu-free aluminum housings (brass available) around selected common ratings. Switches carry AC-only ratings (see Hazardous Duty section for explosion proof switches).



Typical Application Groups

General IndustrialMarine

Lighting Systems
Shore to Ship Power
Welding Stations
Portable Distribution Centers
Shipboard Power Outlets
Telephone Shore-Ship

Government, Municipal & Utilities

Portable Building Power
Army Corps of Engineers
Utilities Panels
Emergency Power Systems
Sewage Pumping Stations
Lighting & Controls

Construction & Agriculture

Generator Sets & Systems
Portable Tools & Equipment
Irrigation System Panels
Portable Lighting & Equipment

Industrial & OEM

Factory Power Outlets
HVACR Controls
Machine Tool Controls
Amusement Park Systems

Russellstoll®

Control Circuits Connectors – Type SK & SKW Overview

20 Amp, 250 Volts AC or DC, 600 Volts AC Max. Rating
Load-Breaking Multi-Circuit Receptacles, Plugs, Connectors and Inlets

Features and Benefits



Type SK

Type SK Multi-Circuit Receptacles, Plugs Inlets and Connectors are designed for indoor or NEMA 1 Automatic Press, Tool Control and Welder applications requiring rugged, shock-resistant devices capable of safely interrupting rated currents under load.

Receptacles and connectors have neoprene gasket mounts and positive grounding path through separate contact. Equipment grounding contacts make first and break last. Wiring space is generous. Listed ratings are for interrupting currents under load.

The time-tested Ever-Lok automatic locking feature provides positive connections under the most severe conditions of shock and vibration. Yet, a twist of the wrist instantly disengages the plug when required.

Type SKW

Type SKW Multi-Circuit Receptacles, Plugs Inlets and Connectors are designed for outdoor NEMA 4, rough service and critical environment Machinery, HVACR systems, Servo Control and other automatic/controlled functions requiring rugged, shock-resistant devices capable of safely breaking rated loads. These watertight & oil-tight devices are equipment grounded with ground contacts that make first and break last. Wiring space is generous. Listed ratings are for full load interrupting currents.

Both series feature simple set-screw wiring termination in a circular connector with up to 11 pole 12 wire circuit capability. A wide selection of cable bushings can be specified upon ordering at no additional charge. Conduit adapters are also available for shielded or construction usage for both SK and SKW series.

Note: More than 12 circuits, miniature connectors or rectangular format. Ask about T&B Pos-E-Kon Line.