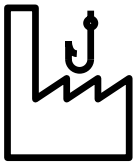


Russellstoll interconnection systems

Overview/application guide

This catalog has been divided into sections based on standard application groups. The following is a description of each of the six general categories in which Russellstoll products appear. Applications are not limited to those listed below.



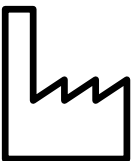
Heavy industrial/marine applications:
outdoor, severe or high abuse environments

- Industrial hook-ups
- Shore-to-ship power connections stations
- Portable generator sets
- Mills and process plants
- Agriculture
- Portable power connections
- Aerospace manufacturing and airports
- Lift stations
- Irrigation and wastewater equipment
- Industrial and shipyard welding
- Power distribution centers
- Job site power: For telephone power and communications equipment



Washdown and light marine applications:
watertight/waterproof

- Food processing plants
- Pharmaceutical manufacturing
- Bottling and beverage plants
- Barge and workboat applications
- Pulp and paper factories
- Outdoor construction sites



Industrial and commercial applications

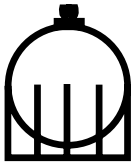
- Entertainment (lighting and sound systems)
- Machinery
- Computer-related equipment
- Welding installations
- Construction sites
- Facilities' electrical power



Control circuit and industrial interlock applications

Automotive/industrial Interlock systems were designed for the needs of the manufacturing industry. These devices are used where safety requirements mandate a mechanically interlocked system for connection and removal of plugs under full load.

- Automatic press
- Heavy-duty portable welding
- Portable systems
- Machine tool control or Servo systems
- Shipyard maintenance power
- Battery chargers
- Automated welder applications
- Food processing
- Temporary power connections



Hazardous location applications:
Class I, Div. 1/Class II, Div. 1

- Aerospace
- Steel mills and mining
- Petroleum
- Chemical
- Food processing
- Waste treatment



Computer systems:
data center and OEM products

- Raised floor applications
- Main power connections
- Critical power for test, instrumentation, telephone and medical equipment

Overview/application guide

Type		Amperage						
		20	30	50	60	100	200	400
Heavy industrial/marine (pages 6–47)	Max-Gard	–	●	–	●	●	●	●
Washdown and light marine (pages 52–69)	DuraGard	●	●	●	●	–	–	–