

Russellstoll®

Russellstoll Application Guide

This catalog has been divided into sections based on standard application groups. Below 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



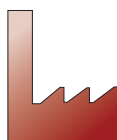
- Industrial hook-ups
- Shore-to-ship power connections stations
- Portable generator sets
- Mills and process plants
- Agriculture
- Portable power connections
- Aerospace manufacturing and airports
- Lift stations
- Irrigation and wastewater equipment
- Industrial and shipyard welding
- Power distribution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

Washdown and Light Marine Applications: Watertight/Waterproof



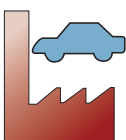
- Food processing plants
- Pharmaceutical manufacturing
- Bottling and beverage plants
- Barge and workboat applications
- Pulp and paper factories
- Outdoor construction sites

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



Heavy Industrial/Marine (pages 5–66)

MaxGuard®		✓	—	✓	✓	✓	✓
J-Line™		✓	—	✓	✓	✓	—



Washdown and Light Marine (pages 67–118)

DuraGuard®	✓	✓	✓	✓	—	—	—
FS/FD™	✓	✓	—	—	—	—	—
Mechanically Interlocked Receptacles	✓	✓	✓	—	—	—	—
UniGuard® (IEC 309) IP67	✓	✓	—	✓	✓	—	—



Industrial and Commercial (pages 119–142)

DuraTite™	✓	✓	—	—	—	—	—
Standard Ever-Lok® (+Midget)	✓	✓	✓	—	—	—	—
Heavy Service Ever-Lok®	—	✓	—	✓	✓	—	—
UniGuard® (IEC 309) IP44	✓	✓	—	✓	✓	—	—



Control Circuit and Industrial Interlock (pages 143–162)

Control Circuit Connectors	✓	—	—	—	—	—	—
Industrial Interlock Systems (Custom Products)	✓	✓	—	✓	✓	✓	✓



Hazardous Location (pages 163–174)

MaxGuard®	—	✓	—	✓	✓	—	—
Interlocked Switch Receptacles	✓	✓	—	—	—	—	—
Delayed Action Circuit Breaking Receptacles	✓	✓	—	—	—	—	—
Safe Ground Indicator System	—	—	—	—	—	—	—



Computer Systems (pages 175–185)

FS/FD and Angle Type DP	✓	✓	✓	✓	—	—	—
Spec Grade	✓	✓	✓	—	—	—	—
DuraGuard®	✓	✓	✓	✓	—	—	—
UniGuard® (IEC)	✓	✓	—	✓	—	—	—