

# Russellstoll®

## Application Guide

This catalog has been divided into sections based on standard application groups. Each application group has been color-coded for your convenience. Below is a description of each of the six general categories Russellstoll products fall in. 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 & process plants
- Agriculture
- Portable power connections
- Aerospace manufacturing and airports
- Lift stations
- Irrigation & wastewater equipment
- Industrial and shipyard welding
- Power distribution centers
- Job site power: For telephone power and communications equipment

### Washdown & Light Marine Applications: Watertight / Waterproof



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

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### Industrial and Commercial Applications



- Entertainment (lighting & 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





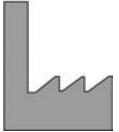

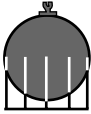

- Aerospace
- Steel mills and mining
- Petroleum
- Chemical
- Food processing
- Waste treatment

### Computer Systems: Data Center and OEM Products



- Raised Floor Applications
- Main Power Connections
- Critical power for test, instrumentation, telephone and medical equipment

**Thomas & Betts**

		Amperage						
		20	30	50	60	100	200	400/ 600
<b>Heavy Industrial / Marine</b>		<b>Page H8 to H43</b>						
	MaxGard®		✓		✓	✓	✓	✓
	J-Line™		✓		✓	✓	✓	
<b>Washdown &amp; Light Marine</b>		<b>Page H44 to H88</b>						
	DuraGard®	✓	✓	✓				
	FS/FD™	✓	✓					
	Mechanically Interlocked Receptacles	✓	✓	✓				
	UniGard™ (IEC) IP67	✓	✓		✓	✓		
<b>Industrial &amp; Commercial</b>		<b>Page H89 to H113</b>						
	DuraTite™	✓	✓					
	Standard Everlok® (+Midget)	✓	✓	✓				
	Heavy Service Everlok®		✓		✓	✓		
	UniGard™ (IEC) IP44	✓	✓		✓	✓		
<b>Control Circuit &amp; Industrial Interlock</b>		<b>Page H114 to H137</b>						
	Control Circuit Connectors	✓						
	Industrial Interlock Systems (Custom Products)	✓	✓		✓	✓		
<b>Hazardous Location</b>		<b>Page H138 to H149</b>						
	MaxGard®		✓		✓	✓		
	Interlocked Switch Receptacles	✓	✓					
	Delayed Action Circuit Breaking Receptacles	✓	✓					
	Tumbler Switches	✓	✓					
	Safe Ground Indicator System							
<b>Computer Systems</b>		<b>Page H150 to H158</b>						
	FS/FD & Angle Type DP	✓	✓	✓	✓			
	Spec Grade	✓	✓	✓				
	DuraGard®	✓	✓	✓				
	UniGard™ (IEC)	✓	✓		✓			