

# DR250 Hazardous Location Plugs & Receptacles – 250 A

Devices rated for hazardous locations are not returnable.

## SP US Ratings

- Voltage**  
600 VAC
- Current Interruption Capability**  
Not for current interrupting
- Short Circuit Rating**  
10kA Withstand  
Testing was performed with RK1 current limiting fuses sized at 100% of the devices ampacity rating.
- Environmental Ratings**  
Type 4X
- Temperature Range**  
Min -40°F/Max 104°F  
See pg 258 for temps below -15°F.
- Wiring Capacity**  
Min 4 AWG Max 4/0 AWG  
Aux Contacts - Max 14 AWG  
Based on THHN wire sizes
- Applicable Standards**  
CSA C22.2 No. 182.1-07  
C22.2 No. 213-M1987
- Hazardous Ratings**  
Class I, Division 2, Groups ABCD, T6  
Class I, Zone 2, IIC

## Receptacle (female)

## Inlet (male)

Easy Closing Mechanism



Standard Hazardous Location DR250 lid is normally closed and opens to 90°

**!** Don't forget to add installation accessories to your order

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	36-24235-K16-xxx-HAZ	36-28235-K16-xxx-HAZ
120 208V	3P+N+G	36-24237-K16-xxx-HAZ	36-28237-K16-xxx-HAZ
125V	1P+N+G	36-24035-K07-xxx-HAZ	36-28035-K07-xxx-HAZ
125 250V	2P+N+G	36-24036-K07-xxx-HAZ	36-28036-K07-xxx-HAZ
208V	2P+G	36-24232-K16-xxx-HAZ	36-28232-K16-xxx-HAZ
208V	3P+G	36-24233-K16-xxx-HAZ	36-28233-K16-xxx-HAZ
250V	2P+G	36-24032-K07-xxx-HAZ	36-28032-K07-xxx-HAZ
250V	3P+G	36-24033-K07-xxx-HAZ	36-28033-K07-xxx-HAZ
277V	1P+N+G	36-24245-K04-xxx-HAZ	36-28245-K04-xxx-HAZ
277 480V	3P+N+G	36-24247-K04-xxx-HAZ	36-28247-K04-xxx-HAZ
347 600V	3P+N+G	36-24027-K14-xxx-HAZ	36-28027-K14-xxx-HAZ
480V	2P+G	36-24242-K04-xxx-HAZ	36-28242-K04-xxx-HAZ
480V	3P+G	36-24243-K04-xxx-HAZ	36-28243-K04-xxx-HAZ
600V	2P+G	36-24022-K14-xxx-HAZ	36-28022-K14-xxx-HAZ
600V	3P+G	36-24023-K14-xxx-HAZ	36-28023-K14-xxx-HAZ

The xxx represents any and all device options; if no options are needed, the xxx suffix should be omitted.

## Part Number Example

### 480V DR250 + 2 aux contacts

DR250 recept 3P+G = 36-24243-K04-972-HAZ

### 480V DR250 with no options

DR250 recept 3P+G = 36-24243-K04-HAZ

Receptacle Options	Suffix #	Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Recept # - 972	With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 4 Auxiliary/Pilot Contacts	Recept # - 174	With 3 Auxiliary/Pilot Contacts	Inlet # - 174
With 6 Auxiliary/Pilot Contacts	Recept # - 976	With 4 Auxiliary/Pilot Contacts	Inlet # - 976
Normally Open Lid Configuration	Recept # - NO	With No Lockout Hole	Inlet # - A155
180° Opening Lid	Recept # - 180		

## Feature Spotlight – Screw-Type Locking Pawl

- Listing Requirement**  
Users must tighten screw to lock the plug in the mated position



Zone 2/Division 2 DR250 receptacles feature a standard screw-type locking pawl. This required feature allows the user to lock the plug to the receptacle by tightening a screw on the pawl.

For added security, a lockout hole is included on the receptacle that enables the user to insert a 5/16" lock or locking pin to prevent the plug from being disconnected or to lock the receptacle lid closed.

5/16" hole for added security

**!** See pages 235-244 for detailed information on these options

# INSTALLATION ACCESSORIES – SIZE 6

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT	Part # Metal
1"	<b>5K6P0N10</b>
1 1/4"	<b>5K6P0N12</b>
1 1/2"	<b>5K6P0N15</b>
2"	<b>5K6P0N20</b>
2 1/2"	<b>5K6P0N25</b>
3"	<b>5K6P0N30</b>



For available cord grips, see pg 168.

SANTOPRENE HANDLE w/Cable Range

IP66/IP67	.984 - 1.378"	<b>556P0D35</b>
	1.378 - 1.772"	<b>556P0D45</b>
	1.772 - 1.929"	<b>556P0D49</b>

BOXES

METAL ANGLE WITH METAL BOX w/NPT	Part #
60° 1 1/2"	<b>7K6C6N15</b>
60° 2"	<b>7K6C6N20</b>
60° 2 1/2"	<b>7K6C6N25</b>

\* 248.4 in<sup>3</sup>

\* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.



Cable Range	NPT	Cable Range	NPT
.660 - 1.000"	1"	1.190 - 2.438"	2"
.875 - 1.375"	1 1/4"	2.062 - 2.438"	2 1/2"
.890 - 1.812"	1 1/2"	2.438 - 2.812"	3"

NPT sizes are determined by the cable diameter and third party cord grip.

ANGLES

METAL ANGLE	Part # Metal
0°	<b>5K6M0</b>
60°	<b>5K6M6</b>

MISCELLANEOUS ACCESSORIES

<b>PROTECTIVE INLET/PLUG CAP</b>		
<b>39-2A426</b>	For Inlets/Plugs Only.	
<b>PADLOCKABLE INLET/PLUG CAP</b>		
<b>DS2MC</b>	Aluminum – For Inlets/Plugs Only -A155 suffix required to maintain water ingress protection.	
<b>CORD GRIP with MESH</b>		
<b>see pg 167</b>		
<b>RECEPTACLE LOCKING PIN</b>		
<b>LP-843</b>		

HAZARDOUS LOCATION

**Notes:** For Zone 2 DR dimensions refer to DR dimensions on pgs 101-102.