

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"	5K6P0N10
1 1/4"	5K6P0N12
1 1/2"	5K6P0N15
2"	5K6P0N20
2 1/2"	5K6P0N25
3"	5K6P0N30



For available cord grips, see pg 168.

SANTOPRENE HANDLE w/Cable Range

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

BOXES

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

* 248.4 in³

* 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°	5K6M0
60°	5K6M6

MISCELLANEOUS ACCESSORIES

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

HAZARDOUS LOCATION

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