

# DR30 Hazardous Location Plugs & Receptacles – 30A

Devices rated for hazardous locations are not returnable.

## SP US Ratings

- **Voltage**  
600 VAC
- **Current Interruption Capability**  
Not for current interrupting
- **Short Circuit Rating**  
100kA 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 271 for temps below -15°F.
- **Wiring Capacity**  
Min 14 AWG Max 8 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)



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

Hazardous Location DR30 lid is normally closed

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	35-14235-K16-xxx-HAZ	35-18235-K16-xxx-HAZ
120 208V	3P+N+G	35-14237-K16-xxx-HAZ	35-18237-K16-xxx-HAZ
125V	1P+N+G	35-14175-K07-xxx-HAZ	35-18175-K07-xxx-HAZ
125 250V	2P+N+G	35-14176-K07-xxx-HAZ	35-18176-K07-xxx-HAZ
208V	2P+G	35-14232-K16-xxx-HAZ	35-18232-K16-xxx-HAZ
208V	3P+G	35-14233-K16-xxx-HAZ	35-18233-K16-xxx-HAZ
250V	2P+G	35-14172-K07-xxx-HAZ	35-18172-K07-xxx-HAZ
250V	3P+G	35-14173-K07-xxx-HAZ	35-18173-K07-xxx-HAZ
277V	1P+N+G	35-14245-K04-xxx-HAZ	35-18245-K04-xxx-HAZ
277 480V	3P+N+G	35-14247-K04-xxx-HAZ	35-18247-K04-xxx-HAZ
347 600V	3P+N+G	35-14187-K14-xxx-HAZ	35-18187-K14-xxx-HAZ
480V	2P+G	35-14242-K04-xxx-HAZ	35-18242-K04-xxx-HAZ
480V	3P+G	35-14243-K04-xxx-HAZ	35-18243-K04-xxx-HAZ
600V	2P+G	35-14182-K14-xxx-HAZ	35-18182-K14-xxx-HAZ
600V	3P+G	35-14183-K14-xxx-HAZ	35-18183-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 DR30 + 2 aux contacts

DR30 recept 3P+G = 35-14243-K04-972-HAZ

### 480V DR30 with no options

DR30 recept 3P+G = 35-14243-K04-HAZ

Receptacle Options	Suffix #	Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Recept # - 972	With 2 Auxiliary/Pilot Contacts	Inlet # - 972
Normally Open Lid Configuration	Recept # - NO	With No Lockout Hole	Inlet # - A155

## Feature Spotlight – Screw-Type Locking Pawl



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

Zone 2/Division 2 DR30 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 248-257 for detailed information on these options

# INSTALLATION ACCESSORIES – SIZE 2

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 1/2"	552P0N05	5K2P0N05
 3/4"	552P0N07	5K2P0N07
 1"	552P0N10	5K2P0N10
 1 1/4"	552P0N12	-

POLY HANDLE w/Cable Range	
 .20 - .82"	552P0D21


For available cord grips, see pg 179.

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Cable Range	NPT	Cable Range	NPT
.312 - .625"	1/2"	.660 - 1.000	1"
.438 - .812"	3/4"	.875 - 1.375"	1 1/4"

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


BOXES

POLY ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	752C3N05
	30°	3/4"	752C3N07
	30°	1"	752C3N10
* 28.7 in <sup>3</sup>	30°	1 1/4"	752C3N12

\* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	7K2C3N05
	30°	3/4"	7K2C3N07
	30°	1"	7K2C3N10
* 28.7 in <sup>3</sup>	30°	1 1/4"	7K2C3N12


\* Interior volume with receptacle installed.



POLY ANGLE WITH LARGER METAL WALL BOX w/NPT			
	70°	1/2"	752C7N05
	70°	3/4"	752C7N07
	70°	1"	752C7N10
* 75.0 in <sup>3</sup>	70°	1 1/4"	752C7N12
	70°	1 1/2"	752C7N15

\* Interior volume with receptacle installed.


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


ANGLES


POLY ANGLE	
 30°	552M3

METAL ANGLE	
 0°	5K2M0
 30°	5K2M3

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	
	61-3A346 Set of Two (2) Recommended for easier connector closure.

PROTECTIVE CAP	
	31-1A426 For watertight seal, the male inlet must also be ordered with the "No Lockout Hole" option (-A155). For Male Devices Only.

RECEPTACLE LOCKING PIN	
	LP-843

HAZARDOUS LOCATION

**Notes:** For Zone 2 DR dimensions refer to DR dimensions on pgs 112-113.

# DR50 Hazardous Location Plugs & Receptacles – 50A

Devices rated for hazardous locations are not returnable.

## SP US Ratings

- Voltage**  
600 VAC
- Current Interruption Capability**  
Not for current interrupting
- Short Circuit Rating**  
100kA 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 271 for temps below -15°F.
- Wiring Capacity**  
Min 14 AWG Max 4 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)



Hazardous Location DR50 lid is normally closed

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

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	35-34235-K16-xxx-HAZ	35-38235-K16-xxx-HAZ
120 208V	3P+N+G	35-34237-K16-xxx-HAZ	35-38237-K16-xxx-HAZ
125V	1P+N+G	35-34175-K07-xxx-HAZ	35-38175-K07-xxx-HAZ
125 250V	2P+N+G	35-34176-K07-xxx-HAZ	35-38176-K07-xxx-HAZ
208V	2P+G	35-34232-K16-xxx-HAZ	35-38232-K16-xxx-HAZ
208V	3P+G	35-34233-K16-xxx-HAZ	35-38233-K16-xxx-HAZ
250V	2P+G	35-34172-K07-xxx-HAZ	35-38172-K07-xxx-HAZ
250V	3P+G	35-34173-K07-xxx-HAZ	35-38173-K07-xxx-HAZ
277V	1P+N+G	35-34245-K04-xxx-HAZ	35-38245-K04-xxx-HAZ
277 480V	3P+N+G	35-34247-K04-xxx-HAZ	35-38247-K04-xxx-HAZ
347 600V	3P+N+G	35-34187-K14-xxx-HAZ	35-38187-K14-xxx-HAZ
480V	2P+G	35-34242-K04-xxx-HAZ	35-38242-K04-xxx-HAZ
480V	3P+G	35-34243-K04-xxx-HAZ	35-38243-K04-xxx-HAZ
600V	2P+G	35-34182-K14-xxx-HAZ	35-38182-K14-xxx-HAZ
600V	3P+G	35-34183-K14-xxx-HAZ	35-38183-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 DR50 + 2 aux contacts

DR50 recept 3P+G = 35-34243-K04-972-HAZ

### 480V DR50 with no options

DR50 recept 3P+G = 35-34243-K04-HAZ

Receptacle Options	Suffix #	Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Recept # - 972	With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 3 Auxiliary/Pilot Contacts	Recept # - 973	With 3 Auxiliary/Pilot Contacts	Inlet # - 973
With 4 Auxiliary/Pilot Contacts	Recept # - 974	With 4 Auxiliary/Pilot Contacts	Inlet # - 974
Open Lid Configuration	Recept # - NO	With No Lockout Hole	Inlet # - A155

## Feature Spotlight – Screw-Type Locking Pawl



Zone 2/Division 2 DR50 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.

**!** See pages 248-257 for detailed information on these options

# INSTALLATION ACCESSORIES – SIZE 3

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	553P0N05	5K3P0N05
	3/4"	553P0N07	5K3P0N07
	1"	553P0N10	5K3P0N10
	1 1/4"	553P0N12	5K3P0N12
POLY HANDLE w/Cable Range			
	.39 - 1.18"	553P0D30	


For available cord grips, see pg 179.

**i**


Cable Range	NPT	Cable Range	NPT
.312 - .625"	1/2"	.660 - 1.000"	1"
.438 - .812"	3/4"	.875 - 1.375"	1 1/4"

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


BOXES

POLY ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	753C3N05
	30°	3/4"	753C3N07
	30°	1"	753C3N10
	30°	1 1/4"	753C3N12
* 29.6 in <sup>3</sup>			


\* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	7K3C3N05
	30°	3/4"	7K3C3N07
	30°	1"	7K3C3N10
	30°	1 1/4"	7K2C3N12
* 29.6 in <sup>3</sup>			

\* Interior volume with receptacle installed.

POLY ANGLE WITH LARGER METAL WALL BOX w/NPT			
	70°	1/2"	753C7N05
	70°	3/4"	753C7N07
	70°	1"	753C7N10
	70°	1 1/4"	753C7N12
	70°	1 1/2"	753C7N15
* 170.0 in <sup>3</sup>			





\* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	70°	1/2"	7K3C7N05
	70°	3/4"	7K3C7N07
	70°	1"	7K3C7N10
	70°	1 1/4"	7K2C7N12
* 27.7 in <sup>3</sup>			




\* Interior volume with receptacle installed.

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

ANGLES

POLY ANGLE		
	30°	553M3
METAL ANGLE		
	0°	5K3M0
	30°	5K3M3
	70°	5K3M7

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	61-6A346	Set of Two (2) Recommended for easier connector closure.
PROTECTIVE CAP		
	31-3A426	For watertight seal, the male inlet must also be ordered with the "No Lockout Hole" option (-A155). For Male Devices Only.
RECEPTACLE LOCKING PIN		
	LP-843	

HAZARDOUS LOCATION

**Notes:** For Zone 2 DR dimensions refer to DR dimensions on pgs 112-113.

# DR250 Hazardous Location Plugs & Receptacles – 250A

Devices rated for hazardous locations are not returnable.

## UL 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 271 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 248-257 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



SANTOPRENE HANDLE w/Cable Range

.984 - 1.377"	556P0D35
1.377 - 1.771"	556P0D45
1.771 - 1.929"	556P0D49



IP 66/67

For available cord grips, see pg 179.

BOXES

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



\* 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 #
0°	5K6M0



60°

5K6M6

MISCELLANEOUS ACCESSORIES

PROTECTIVE CAP



35-2A126

For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155).  
For Male Devices Only.

PADLOCKABLE PLUG CAP



DS2MC

For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155).  
Aluminum – For Male Devices Only.

CORD GRIP with MESH



see pg 178

RECEPTACLE LOCKING PIN



LP-843

HAZARDOUS LOCATION

**Notes:** For Zone 2 DR dimensions refer to DR dimensions on pgs 112-113.