DR30 Hazardous Location - 30 A

Ratings

- **Max Amperage & Voltage**
  30 A, 600 VAC
- **Current Interruption Capability**
  Not for current interrupting
- **Short Circuit Rating**
  100 kA Withstand
  Testing was performed with RK1 current limiting fuses sized at 100% of the device's ampacity rating.
- **Environmental Ratings**
  Type 4X
- **Temperature Range**
  Min -40°F/Max 104°F
  See pg 260 for temperatures outside this range.
- **Wiring Capacity**
  Based on THHN wire sizes.
  Min 14 AWG Max 8 AWG
  Aux Contacts: Max 14 AWG
- **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

Devices rated for hazardous locations are not returnable.

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

Receptacle (female)

Inlet (male)

Hazardous Location DR30 lid is Self-Returning

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

Part Number Example

480 V DR30 + 2 aux contacts

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

480 V 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**	Without Lockout Hole	**Inlet # -A155**

! See pages 237-246 for detailed information on these options

Feature Spotlight – Screw-Type Locking Pawl

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

5/16" hole for added security

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.

Handle Option Guide pgs 243-244

INSTALLATION ACCESSORIES – SIZE 2

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

HANDLE WITH NPT		PART # POLY	PART # METAL
Poly	1/2"	552P0N05	5K2P0N05
	3/4"	552P0N07	5K2P0N07
Metal	1"	552P0N10	5K2P0N10
	1 1/4"	552P0N12	–

For available cord grips, see pg 232.

POLY HANDLE WITH CABLE RANGE		
	.196-.826"	552P0D21

BOXES

POLY ANGLE WITH METAL BOX WITH NPT				
* 28.7 in³	30°	1/2"	752C3N05	* Interior volume with receptacle installed.
	30°	3/4"	752C3N07	
	30°	1"	752C3N10	
	30°	1 1/4"	752C3N12	

METAL ANGLE WITH METAL BOX WITH NPT				
* 28.7 in³	30°	1/2"	7K2C3N05	* Interior volume with receptacle installed.
	30°	3/4"	7K2C3N07	
	30°	1"	7K2C3N10	
	30°	1 1/4"	7K2C3N12	

POLY ANGLE WITH LARGER METAL BOX WITH NPT				
* 74.6 in³	70°	1/2"	752C7N05	* Interior volume with receptacle installed.
	70°	3/4"	752C7N07	
	70°	1"	752C7N10	
	70°	1 1/4"	752C7N12	
	70°	1 1/2"	752C7N15	

NPT on top or bottom (if rotated). For other 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 all assembly applications, for facilitated mating.

PROTECTIVE INLET/PLUG CAP		
	31-1A426	For Inlets/Plugs Only.

RECEPTACLE LOCKING PIN	
	LP-843

SCAN ME >>

Notes: For Zone 2 DR dimensions refer to DR dimensions on pgs 103-104.

! Accessories rated for hazardous locations are not returnable.

HAZARDOUS LOCATION