

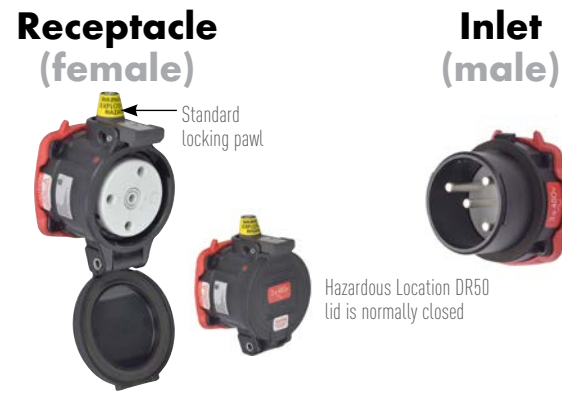
# DR50 Hazardous Location - 50 A

DR50

- UL Ratings**
- Max Amperage & Voltage**  
50 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 254 for temperatures outside this range.
  - Wiring Capacity**  
Based on THHN wire sizes.  
Min 14 AWG Max 4 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



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

- Part Number Example**
- 480 V DR50 + 2 aux contacts**  
DR50 recept 3P+G = 35-34243-K04-972-HAZ
  - 480 V 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
Normally Open Lid Configuration	Recept # -NO	Without 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 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.

5/16" hole for added security

Handle Option Guide pgs 237-238

## INSTALLATION ACCESSORIES – SIZE 3

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"	553P0N05	5K3P0N05
poly 3/4"	553P0N07	5K3P0N07
metal 1"	553P0N10	5K3P0N10
metal 1 1/4"	553P0N12	5K3P0N12

For available cord grips, see pg 160

POLY HANDLE WITH CABLE RANGE	PART #
.390-1.180"	553P0D30

**BOXES**

POLY ANGLE WITH METAL BOX WITH NPT	PART #
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 WITH NPT	PART #
30° 1/2"	7K3C3N05
30° 3/4"	7K3C3N07
30° 1"	7K3C3N10
30° 1 1/4"	7K3C3N12

\* 29.6 in<sup>3</sup> Interior volume with receptacle installed.

POLY ANGLE WITH LARGER METAL BOX WITH NPT	PART #
70° 1/2"	753C7N05
70° 3/4"	753C7N07
70° 1"	753C7N10
70° 1 1/4"	753C7N12
70° 1 1/2"	753C7N15

\* 177.7 in<sup>3</sup> Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT	PART #
70° 1/2"	7K3C7N05
70° 3/4"	7K3C7N07
70° 1"	7K3C7N10
70° 1 1/4"	7K3C7N12

\* 27.7 in<sup>3</sup> Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other configurations, contact Customer Service.

**ANGLES**

POLY ANGLE	PART #
30°	553M3

METAL ANGLE	PART #
0°	5K3M0
30°	5K3M3
70°	5K3M7

**MISCELLANEOUS ACCESSORIES**

FINGER DRAWPLATES	PART #	Description
	61-6A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure..
PROTECTIVE INLET/PLUG CAP	31-3A426	For Inlets/Plugs Only.
RECEPTACLE LOCKING PIN	LP-843	

See pages 231-240 for detailed information on these options

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

Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION