

DR30 Hazardous Location - 30 A

SP US 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 252 for temperatures outside this range.
- **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

! 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 normally closed

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-K14-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-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

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 231-238 for detailed information on these options


INSTALLATION ACCESSORIES – SIZE 2

Accessories rated for hazardous locations are not returnable.




HANDLES

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


For available cord grips, see pg 160

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

ANGLES


POLY ANGLE		
	30°	552M3
METAL ANGLE		
	0°	5K2M0
	30°	5K2M3

BOXES

POLY ANGLE WITH METAL BOX WITH NPT			PART #
	30°	1/2"	752C3N05
	30°	3/4"	752C3N07
	30°	1"	752C3N10
	30°	1 1/4"	752C3N12


* 28.7 in³

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT			PART #
	30°	1/2"	7K2C3N05
	30°	3/4"	7K2C3N07
	30°	1"	7K2C3N10
	30°	1 1/4"	7K2C3N12

* 28.7 in³

* Interior volume with receptacle installed.




POLY ANGLE WITH LARGER METAL BOX WITH NPT			PART #
	70°	1/2"	752C7N05
	70°	3/4"	752C7N07
	70°	1"	752C7N10
	70°	1 1/4"	752C7N12
	70°	1 1/2"	752C7N15
	70°	1 1/2"	752C7N15

* 74.6 in³

* Interior volume with receptacle installed.

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	61-3A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure.
PROTECTIVE INLET/PLUG CAP		
	31-1A426	For Inlets/Plugs Only.
RECEPTACLE LOCKING PIN		
	LP-843	

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



DR50 Hazardous Location - 50 A

SP 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 252 for temperatures outside this range.
- **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

! Devices rated for hazardous locations are not returnable.

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

Receptacle (female)



Inlet (male)



Hazardous Location DR50 lid is normally closed

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

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

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
Open Lid Configuration	Recept # -N0	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 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

! See pages 231-238 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 3


! Accessories rated for hazardous locations are not returnable.

HANDLES	HANDLE WITH NPT		PART # POLY	PART # METAL
		1/2"	553P0N05	5K3P0N05
		3/4"	553P0N07	5K3P0N07
		1"	553P0N10	5K3P0N10
		1 1/4"	553P0N12	5K3P0N12

For available cord grips, see pg 160

POLY HANDLE WITH CABLE RANGE

	.390-1.180"	553P0D30
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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 in³

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT

	30° 1/2"	7K3C3N05	
	30° 3/4"	7K3C3N07	
	30° 1"	7K3C3N10	
	30° 1 1/4"	7K3C3N12	

* 29.6 in³

* Interior volume with receptacle installed.

POLY ANGLE WITH LARGER METAL BOX WITH NPT

	70° 1/2"	753C7N05	
	70° 3/4"	753C7N07	
	70° 1"	753C7N10	
	70° 1 1/4"	753C7N12	
	70° 1 1/2"	753C7N15	

* 177.7 in³

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT




	70° 1/2"	7K3C7N05	
	70° 3/4"	7K3C7N07	
	70° 1"	7K3C7N10	
	70° 1 1/4"	7K3C7N12	

* 27.7 in³

* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other 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 all assembly applications, for easier connector closure..
	PROTECTIVE INLET/PLUG CAP	
		31-3A426 For Inlets/Plugs Only.
	RECEPTACLE LOCKING PIN	
		LP-843

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

DR250 Hazardous Location - 250 A

Ratings

- **Max Amperage & Voltage**
250 A, 600 VAC
- **Current Interruption Capability**
Not for current interrupting
- **Short Circuit Rating**
10 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 252 for temperatures outside this range.
- **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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order



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

Part Number Example

480 V DR250 + 2 aux contacts

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

480 V 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 4 Auxiliary/Pilot Contacts

Inlet # -174

With 6 Auxiliary/Pilot Contacts

Recept # -976

With 6 Auxiliary/Pilot Contacts

Inlet # -976

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 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 231-238 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 6

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE WITH 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 160.

SANTOPRENE HANDLE W/CABLE RANGE

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

IP66/IP67

BOXES

METAL ANGLE WITH METAL BOX WITH 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 configurations, contact Customer Service.

ANGLES

METAL ANGLE	
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 OPTIONS		
	see pg 160	
RECEPTACLE LOCKING PIN		
	LP-843	

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