

DS30 Hazardous Location - 30 A

SP Ratings

- **Max Amperage & Voltage**
30 A, 600 VAC
- **Current Interruption Capability**
Not for current interrupting
- **Horsepower Ratings**

120 V	1Ø	1.5 hp
240 V	1Ø	3 hp
208 V	3Ø	5 hp
240 V	3Ø	5 hp
480 V	3Ø	15 hp
600 V	3Ø	15 hp
- **Short Circuit Rating**
100 kA Withstand
Testing was performed with 125 A RK1 fast-acting Mersen fuses
- **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 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

Receptacle (female)



Inlet (male)



Devices rated for hazardous locations are not returnable.

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

Hazardous Location DS30 lid is Self-Returning

VOLTAGE	POLARITY	PART # POLY	PART # POLY
120 V	1P+N+G	35-34165-HAZ	35-38165-HAZ
120 208 V	3P+N+G	35-34167-HAZ	35-38167-HAZ
125 V	1P+N+G	35-34075-HAZ	35-38075-HAZ
125 250 V	2P+N+G	35-34076-HAZ	35-38076-HAZ
208 V	2P+G	35-34162-HAZ	35-38162-HAZ
208 V	3P+G	35-34163-HAZ	35-38163-HAZ
250 V	2P+G	35-34072-HAZ	35-38072-HAZ
250 V	3P+G	35-34073-HAZ	35-38073-HAZ
277 V	1P+N+G	35-34045-HAZ	35-38045-HAZ
277 480 V	3P+N+G	35-34047-HAZ	35-38047-HAZ
347 600 V	3P+N+G	35-34147-HAZ	35-38147-HAZ
480 V	2P+G	35-34042-HAZ	35-38042-HAZ
480 V	3P+G	35-34043-HAZ	35-38043-HAZ
600 V	2P+G	35-34142-HAZ	35-38142-HAZ
600 V	3P+G	35-34143-HAZ	35-38143-HAZ

Part Number Example

480 V DS30 + 2 aux contacts

DS30 recept 3P+G = 35-34043-972-HAZ

480 V DS30 with no options

DS30 recept 3P+G = 35-34043-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 DS30 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 237-246 for detailed information on these options



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
	1/2"	553P0N05	5K3P0N05
	3/4"	553P0N07	5K3P0N07
	1"	553P0N10	5K3P0N10
	1 1/4"	553P0N12	5K3P0N12

For available cord grips, see pg 232.

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 facilitated mating.
PROTECTIVE INLET/PLUG CAP		
	31-3A426	For Inlets/Plugs Only.
RECEPTACLE LOCKING PIN		
	LP-843	

HAZARDOUS LOCATION

SCAN
ME >>>



Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 55-56.

! Accessories rated for hazardous locations are not returnable.