

# DS30 Hazardous Location - 30 A

## SP US 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  
Tested with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.
- 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 DS30 lid is normally closed

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
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 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 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

BOXES	POLY ANGLE WITH METAL BOX WITH NPT			PART #	* Interior volume with receptacle installed.
		30°	1/2"	753C3N05	
		30°	3/4"	753C3N07	
		30°	1"	753C3N10	
	* 29.6 in <sup>3</sup>	30°	1 1/4"	753C3N12	


METAL ANGLE WITH METAL BOX WITH NPT			PART #	* Interior volume with receptacle installed.
	30°	1/2"	7K3C3N05	
	30°	3/4"	7K3C3N07	
	30°	1"	7K3C3N10	
* 29.6 in <sup>3</sup>	30°	1 1/4"	7K3C3N12	

POLY ANGLE WITH LARGER METAL BOX WITH NPT			PART #	* Interior volume with receptacle installed.
	70°	1/2"	753C7N05	
	70°	3/4"	753C7N07	
	70°	1"	753C7N10	
* 177.7 in <sup>3</sup>	70°	1 1/4"	753C7N12	
	70°	1 1/2"	753C7N15	

METAL ANGLE WITH METAL BOX WITH NPT			PART #	* Interior volume with receptacle installed.
	70°	1/2"	7K3C7N05	
	70°	3/4"	7K3C7N07	
	70°	1"	7K3C7N10	
* 27.7 in <sup>3</sup>	70°	1 1/4"	7K3C7N12	

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

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

MISCELLANEOUS ACCESSORIES	FINGER DRAWPLATES	
		61-6A346

PROTECTIVE INLET/PLUG CAP		
	31-3A426	For Intets/Plugs Only.

RECEPTACLE LOCKING PIN	
	LP-843

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



HAZARDOUS LOCATION