

# DS30 Hazardous Location - 30 A

Ratings	
• Max Amperage & Voltage	30 A, 600 VAC
• Current Interruption Capability	Not for current interrupting
• Horsepower Ratings	
120 V	10 1.5 hp
240 V	10 3 hp
208 V	30 5 hp
240 V	30 5 hp
480 V	30 15 hp
600 V	30 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 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.

## Receptacle (female)



## Inlet (male)



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

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 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

## 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 231-240 for detailed information on these options



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

	.390-1.180"	553P0D30
--	-------------	----------

### BOXES

POLY ANGLE WITH METAL BOX WITH NPT	PART #
30° 1/2"	753C3N05
30° 3/4"	753C3N07
30° 1"	753C3N10
* 29.6 in <sup>3</sup> 1 1/4"	753C3N12

\* Interior volume with receptacle installed.

### METAL ANGLE WITH METAL BOX WITH NPT

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

\* Interior volume with receptacle installed.

### POLY ANGLE WITH LARGER METAL BOX WITH NPT

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

\* Interior volume with receptacle installed.

### METAL ANGLE WITH METAL BOX WITH NPT

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

\* Interior volume with receptacle installed.

### 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	
--	--------	--

### MISCELLANEOUS ACCESSORIES

### ANGLES

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



SCAN  
ME >

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

! Accessories rated for hazardous locations are not returnable.