

# DS20 Hazardous Location - 20 A

Ratings																
• Max Amperage & Voltage 20 A, 600 VAC																
• Current Interruption Capability Not for current interrupting																
• Horsepower Ratings																
<table border="1"> <tr><td>120 V</td><td>1Ø</td><td>.75 hp</td></tr> <tr><td>208 V</td><td>3Ø</td><td>3 hp</td></tr> <tr><td>240 V</td><td>3Ø</td><td>5 hp</td></tr> <tr><td>480 V</td><td>3Ø</td><td>7.5 hp</td></tr> <tr><td>600 V</td><td>3Ø</td><td>10 hp</td></tr> </table>		120 V	1Ø	.75 hp	208 V	3Ø	3 hp	240 V	3Ø	5 hp	480 V	3Ø	7.5 hp	600 V	3Ø	10 hp
120 V	1Ø	.75 hp														
208 V	3Ø	3 hp														
240 V	3Ø	5 hp														
480 V	3Ø	7.5 hp														
600 V	3Ø	10 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 8 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	35-14165-HAZ	35-18165-HAZ
120 208 V	3P+N+G	35-14167-HAZ	35-18167-HAZ
125 V	1P+N+G	35-14075-HAZ	35-18075-HAZ
125 250 V	2P+N+G	35-14076-HAZ	35-18076-HAZ
208 V	2P+G	35-14162-HAZ	35-18162-HAZ
208 V	3P+G	35-14163-HAZ	35-18163-HAZ
250 V	2P+G	35-14072-HAZ	35-18072-HAZ
250 V	3P+G	35-14073-HAZ	35-18073-HAZ
277 V	1P+N+G	35-14045-HAZ	35-18045-HAZ
277 480 V	3P+N+G	35-14047-HAZ	35-18047-HAZ
347 600 V	3P+N+G	35-14147-HAZ	35-18147-HAZ
480 V	2P+G	35-14042-HAZ	35-18042-HAZ
480 V	3P+G	35-14043-HAZ	35-18043-HAZ
600 V	2P+G	35-14142-HAZ	35-18142-HAZ
600 V	3P+G	35-14143-HAZ	35-18143-HAZ

Part Number Example
480 V DS20 + 2 aux contacts DS20 recept 3P+G = 35-14043-972-HAZ
480 V DS20 with no options DS20 recept 3P+G = 35-14043-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	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 DS20 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 2

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"	552P0N05	5K2P0N05
Poly 3/4"	552P0N07	5K2P0N07
Metal 1"	552P0N10	5K2P0N10
1 1/4"	552P0N12	-

For available cord grips, see pg 160.

### POLY HANDLE WITH CABLE RANGE

	.196-.826"	552P0D21
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### BOXES

POLY ANGLE WITH METAL BOX WITH NPT	PART #
30° 1/2"	752C3N05
30° 3/4"	752C3N07
30° 1"	752C3N10
* 28.7 in <sup>3</sup> 1 1/4"	752C3N12

\* Interior volume  
with receptacle  
installed.

### METAL ANGLE WITH METAL BOX WITH NPT

	30° 1/2"	7K2C3N05
	30° 3/4"	7K2C3N07
	30° 1"	7K2C3N10
	* 28.7 in <sup>3</sup> 1 1/4"	7K2C3N12

\* Interior volume  
with receptacle  
installed.

### POLY ANGLE WITH LARGER METAL BOX WITH NPT

	70° 1/2"	752C7N05
	70° 3/4"	752C7N07
	70° 1"	752C7N10
	* 74.6 in <sup>3</sup> 1 1/4"	752C7N12
	70° 1 1/2"	752C7N15

\*

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

### ANGLES

#### POLY ANGLE

	30°	552M3
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#### METAL ANGLE

	0°	5K2M0
	30°	5K2M3

### MISCELLANEOUS ACCESSORIES

#### FINGER DRAWPLATES

	61-3A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure..
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#### PROTECTIVE INLET/PLUG CAP

	31-1A426	For Inlets/Plugs Only.
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#### RECEPTACLE LOCKING PIN

	LP-843	
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Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 55-56.

! Accessories rated for hazardous locations are not returnable.