

DS20 Hazardous Location - 20 A

SP US Ratings

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

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 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 DS20 lid is normally closed

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

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 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 231-238 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
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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

	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

	70°	1/2"	752C7N05
	70°	3/4"	752C7N07
	70°	1"	752C7N10
	70°	1 1/4"	752C7N12
	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.

ANGLES

POLY ANGLE		
	30°	552M3

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..

PROTECTIVE INLET/PLUG CAP		
	31-1A426	For Inlets/Plugs Only.

RECEPTACLE LOCKING PIN		
	LP-843	

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