

DSN150 Hazardous Location - 150 A

SP Ratings

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

120 V	1Ø	7.5 hp
240 V	1Ø	20 hp
208 V	3Ø	30 hp
240 V	3Ø	30 hp
480 V	3Ø	75 hp
600 V	3Ø	75 hp
- Short Circuit Rating**
100 kA Withstand
Testing was performed with 225 A RK1 fast-acting Mersen fuses.
10 kA Withstand
Testing was performed with 400 A RK1 fast-acting Mersen fuses.
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 260 for temperatures outside of this range
- Wiring Capacity**
Based on THHN wire sizes.
Min 4 AWG Max 2/0 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)



VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	66-94165-HAZ	66-98165-HAZ
120 208 V	3P+N+G	66-94167-HAZ	66-98167-HAZ
125 V	1P+N+G	66-94075-HAZ	66-98075-HAZ
125 250 V	2P+N+G	66-94076-HAZ	66-98076-HAZ
208 V	2P+G	66-94162-HAZ	66-98162-HAZ
208 V	3P+G	66-94163-HAZ	66-98163-HAZ
250 V	2P+G	66-94072-HAZ	66-98072-HAZ
250 V	3P+G	66-94073-HAZ	66-98073-HAZ
277 V	1P+N+G	66-94045-HAZ	66-98045-HAZ
277 480 V	3P+N+G	66-94047-HAZ	66-98047-HAZ
347 600 V	3P+N+G	66-94147-HAZ	66-98147-HAZ
480 V	2P+G	66-94042-HAZ	66-98042-HAZ
480 V	3P+G	66-94043-HAZ	66-98043-HAZ
600 V	2P+G	66-94142-HAZ	66-98142-HAZ
600 V	3P+G	66-94143-HAZ	66-98143-HAZ

Part Number Example

480 V DSN150 + 2 aux contacts

DSN150 recept 3P+G = 66-94043-262-HAZ

480 V DSN150 with no options

DSN150 recept 3P+G = 66-94043-HAZ

RECEPTACLE OPTIONS	SUFFIX #	INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Recept # -262	With 2 Auxiliary/Pilot Contacts	Inlet # -262
With 4 Auxiliary/Pilot Contacts	Recept # -264	With 4 Auxiliary/Pilot Contacts	Inlet # -264
With 6 Auxiliary/Pilot Contacts	Recept # -976	With 6 Auxiliary/Pilot Contacts	Inlet # -976
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

5/16" hole for added security

Zone 2/Division 2 DSN150 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.

See pages 237-246 for detailed information on these options



INSTALLATION ACCESSORIES – SIZE 5

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

METAL HANDLE WITH NPT	PART #
 3/4"	5K5P0N07
1"	5K5P0N10
1 1/4"	5K5P0N12
1 1/2"	5K5P0N15
2"	5K5P0N20

For available third-party cord grips, consult factory.

OVERSIZED METAL HANDLE WITH NPT

 3/4"	7K5P0N07
1"	7K5P0N10
1 1/4"	7K5P0N12
1 1/2"	7K5P0N15
2"	7K5P0N20
2 1/2"	7K5P0N25

SANTOPRENE HANDLE WITH CABLE RANGE

 .708-.984"	555P0D25
.984-1.377"	555P0D35
1.377-1.771"	555P0D45
1.771-1.929"	555P0D49

ANGLES

METAL ANGLE	
 0°	5K5M0
 30°	5K5M3
 70°	5K5M7

BOXES

METAL ANGLE WITH METAL BOX WITH NPT	PART #
 30° 1 1/4"	7K5C3N12
30° 1 1/2"	7K5C3N15
30° 2"	7K5C3N20
111.8 in ³ + 30° 2 1/2"	7K5C3N25

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT	
 70° 1 1/4"	7K5C7N12
70° 1 1/2"	7K5C7N15
70° 2"	7K5C7N20
175.0 in ³ + 70° 2 1/2"	7K5C7N25

* Interior volume with receptacle installed.

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

MISCELLANEOUS ACCESSORIES

PROTECTIVE INLET/PLUG CAP	
 31-9A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	
 DS9MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

RECEPTACLE LOCKING PIN	
 LP-843	

Notes: For Zone 2 DSN dimensions refer to DSN dimensions on pgs 39-40.



Accessories rated for hazardous locations are not returnable.

