

# DSN150 Hazardous Location Plugs & Receptacles – 150 A

Devices rated for hazardous locations are not returnable.

## SP US Ratings

- Voltage**  
600 VAC
- Current Interruption Capability**  
Not for current interrupting
- Horsepower Ratings**

120V	1Ø	7 1/2 hp
240V	1Ø	20 hp
208V	3Ø	30 hp
240V	3Ø	30 hp
480V	3Ø	75 hp
600V	3Ø	75 hp
- Short Circuit Rating**  
100kA Withstand  
Testing was performed with 225 A RK1 non-time delay Mersen fuses.  
10kA Withstand  
Testing was performed with 400 A RK1 non-time delay Mersen fuses.
- Environmental Ratings**  
Type 4X
- Temperature Range**  
Min -40°F/Max 104°F  
See pg 258 for temps below -15°F.
- Wiring Capacity**  
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)



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

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

The xxx represents any and all device options; if no options are needed, the xxx suffix should be omitted.

## Part Number Example

### 480V DSN150 + 2 aux contacts

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

### 480V 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 3 Auxiliary/Pilot Contacts	Recept # - 263	With 3 Auxiliary/Pilot Contacts	Inlet # - 263
With 4 Auxiliary/Pilot Contacts	Recept # - 264	With 4 Auxiliary/Pilot Contacts	Inlet # - 264
With 5 Auxiliary/Pilot Contacts	Recept # - 975	With 5 Auxiliary/Pilot Contacts	Inlet # - 975
With 6 Auxiliary/Pilot Contacts	Recept # - 976	With 6 Auxiliary/Pilot Contacts	Inlet # - 976
180° Opening Lid	Recept # - 180**	With No Lockout Hole	Inlet # - A155
Normally Open Lid Configuration	Recept # - NO		

**Notes:** \*\* Required when mating to panel mounted male inlet.

## 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 235-244 for detailed information on these options

# INSTALLATION ACCESSORIES – SIZE 5


Accessories rated for hazardous locations are not returnable.

**HANDLES**

**METAL HANDLE w/NPT** Part #

	3/4"	<b>5K5P0N07</b>	For available third party cord grips, consult factory.
	1"	<b>5K5P0N10</b>	
	1 1/4"	<b>5K5P0N12</b>	
	1 1/2"	<b>5K5P0N15</b>	
	2"	<b>5K5P0N20</b>	

**OVERSIZED METAL HANDLE w/NPT**




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

**SANTOPRENE HANDLE w/Cable Range**

	.70 - 1.000"	<b>555P0D25</b>
	.984 - 1.377"	<b>555P0D35</b>
	1.378 - 1.771"	<b>555P0D45</b>


IP66/IP67

**ANGLES**

METAL ANGLE		
	0°	<b>5K5M0</b>
	30°	<b>5K5M3</b>
	70°	<b>5K5M7</b>

**BOXES**

**METAL ANGLE WITH METAL BOX w/NPT**

	30°	1 1/4"	<b>7K5C3N12</b>	* Interior volume with receptacle installed.
	30°	1 1/2"	<b>7K5C3N15</b>	
	30°	2"	<b>7K5C3N20</b>	
	30°	2 1/2"	<b>7K5C3N25</b>	
	111.8 in <sup>3</sup>			

**METAL ANGLE WITH METAL BOX w/NPT**

	70°	1 1/4"	<b>7K5C7N12</b>	* Interior volume with receptacle installed.
	70°	1 1/2"	<b>7K5C7N15</b>	
	70°	2"	<b>7K5C7N20</b>	
	70°	2 1/2"	<b>7K5C7N25</b>	
	175.0 in <sup>3</sup>			

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.


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Cable Range	NPT	Cable Range	NPT
.438 - .812"	3/4"	.890" - 1.812"	1 1/2"
.660 - 1.000"	1"	1.190" - 2.438"	2"
.875 - 1.375"	1 1/4"	2.062" - 2.438"	2 1/2"

NPT sizes are determined by the cable diameter and third party cord grip.

**MISCELLANEOUS ACCESSORIES**


**PROTECTIVE INLET/PLUG CAP**

	<b>31-9A426</b>	For Inlets/Plugs Only.
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**PADLOCKABLE INLET/PLUG CAP**

	<b>DS9MC</b>	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.
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**CORD GRIP**

	see pg 168
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**RECEPTACLE LOCKING PIN**

	<b>LP-843</b>
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**Notes:** For Zone 2 DSN dimensions refer to DSN dimensions on pgs 37-38.