

DS60 Hazardous Location Plugs & Receptacles – 60 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	3 hp
240V	1Ø	5 hp
208V	3Ø	10 hp
240V	3Ø	10 hp
480V	3Ø	25 hp
600V	3Ø	25 hp
- Short Circuit Rating**
100kA Withstand
Testing was performed with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 258 for temps below -15°F.
- Wiring Capacity**
Min 10 AWG Max 2 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

Receptacle (female)



Inlet (male)



Hazardous Location DS60 lid is normally closed and opens to 120°

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

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	36-64165-xxx-HAZ	36-68165-xxx-HAZ
120 208V	3P+N+G	36-64167-xxx-HAZ	36-68167-xxx-HAZ
125V	1P+N+G	36-64075-xxx-HAZ	36-68075-xxx-HAZ
125 250V	2P+N+G	36-64076-xxx-HAZ	36-68076-xxx-HAZ
208V	2P+G	36-64162-xxx-HAZ	36-68162-xxx-HAZ
208V	3P+G	36-64163-xxx-HAZ	36-68163-xxx-HAZ
250V	2P+G	36-64072-xxx-HAZ	36-68072-xxx-HAZ
250V	3P+G	36-64073-xxx-HAZ	36-68073-xxx-HAZ
277V	1P+N+G	36-64045-xxx-HAZ	36-68045-xxx-HAZ
277 480V	3P+N+G	36-64047-xxx-HAZ	36-68047-xxx-HAZ
347 600V	3P+N+G	36-64147-xxx-HAZ	36-68147-xxx-HAZ
480V	2P+G	36-64042-xxx-HAZ	36-68042-xxx-HAZ
480V	3P+G	36-64043-xxx-HAZ	36-68043-xxx-HAZ
600V	2P+G	36-64142-xxx-HAZ	36-68142-xxx-HAZ
600V	3P+G	36-64143-xxx-HAZ	36-68143-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 DS60 + 2 aux contacts

DS60 recept 3P+G = 36-64043-972-HAZ

480V DS60 with no options

DS60 recept 3P+G = 36-64043-HAZ

Receptacle Options	Suffix #	Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Recept # - 972	With 2 Auxiliary/Pilot Contacts	Inlet # - 972
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
Normally Open Lid Configuration	Recept # - NO	With No Lockout Hole	Inlet # - A155
180° Opening Lid	Recept # - 180		

Feature Spotlight – Screw-Type Locking Pawl

! Listing Requirement
Users must tighten screw to lock the plug in the mated position



Zone 2/Division 2 DS60 receptacles feature a standard screw-type locking pawl. This required feature allows the user to lock the plug in 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 235-244 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 4

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	554P0N05	5K4P0N05
	3/4"	554P0N07	5K4P0N07
	1"	554P0N10	5K4P0N10
	1 1/4"	554P0N12	5K4P0N12
	1 1/2"	554P0N15	5K4P0N15

For available cord grips, see pg 168.

POLY HANDLE w/Cable Range


	.51 - 1.38"	554P0D35
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Cable Range	NPT	Cable Range	NPT
.312 - .625"	1/2"	.875 - 1.375"	1 1/4"
.438 - .812"	3/4"	.890 - 1.812"	1 1/2"
.660 - 1.000"	1"		

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


BOXES

POLY ANGLE WITH METAL BOX w/NPT			
	30°	1"	754C3N10
	30°	1 1/4"	754C3N12
	30°	1 1/2"	754C3N15
	* 61.0 in ³	30°	2"

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1"	7K4C3N10
	30°	1 1/4"	7K4C3N12
	30°	1 1/2"	7K4C3N15
	* 59.4 in ³	30°	2"





* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	70°	1"	7K4C7N10
	70°	1 1/4"	7K4C7N12
	70°	1 1/2"	7K4C7N15
	* 91.0 in ³	70°	2"


* Interior volume with receptacle installed.

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

ANGLES

POLY ANGLE		
	30°	554M3
METAL ANGLE		
	0°	5K4M0
	30°	5K4M3
	70°	5K4M7

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	31-6A346	Set of Two (2) Recommended for easier connector closure.

PROTECTIVE INLET/PLUG CAP		
	31-6A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP		
	DS6MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

RECEPTACLE LOCKING PIN		
	LP-843	

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