

ZONE 2

Hazardous Location
rated plugs & receptacles



Main Advantages

- ▶ Featuring silver nickel butt-style contacts for maximum performance and durability
- ▶ Available in in-line and wall/panel mounted configurations
- ▶ Ideal for motor connections up to 75 hp



- ▶ Features & Ratings p. 203
- ▶ DSN/DS p. 204
- ▶ DR p. 216
- ▶ DSDC p. 224

PRODUCT FEATURES



Operating Instructions



Before connection, ensure that the circuit is deenergized. Align the red dots, push the plug partially in, then turn clockwise slightly to line up the latch with the catch.



Push the plug fully home until it is held in place by the latch. The circuit is now closed.



Listing Requirement: Tighten screw to lock the plug in the mated position.



Optional: Insert a 5/16" lock or locking pin to prevent disconnection or to lock the receptacle lid closed.

General Ratings

Amperage	20 to 250A
Voltage	600 VAC
Frequency	60 Hz
Horsepower	2 to 100 hp
Environmental	Type 4X
Temperature	min -40°F/max 104°F

Hazardous Location Listings

Class I Division 2 Gr A,B,C,D, T6
Class I Zone 2, IIC

Highlighted Feature

Typical Device Labels

Meltric DS60
60A, 480VAC
20hp, TYPE 4X
1002001
36-64043
RECEPTACLE/CONNECTOR
Class I, Division 2, Groups ABCD, T6
Class I, Zone 2, IIC



DS and DSN plugs and receptacles are CSA horsepower rated for motor connections in hazardous locations. Not to be operated while energized.

Plug & Receptacles Listings (CSA)

Category	CSA
Plugs and Receptacles	C22.2 No. 182.1-07
Electrical Equipment for Class I, Div 2 Locations	C22.2 No. 213-M1987

DS20 Hazardous Location Plugs & Receptacles – 20A

Devices rated for hazardous locations are not returnable.

UL Ratings

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

120V	1Ø	3/4 hp
208V	3Ø	3 hp
240V	3Ø	5 hp
480V	3Ø	7 1/2 hp
600V	3Ø	10 hp
- Short Circuit Rating**
100kA 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 271 for temps below -15°F.
- 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

Receptacle (female)



Inlet (male)



Hazardous Location DS20 lid is normally closed

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

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	35-14165-xxx-HAZ	35-18165-xxx-HAZ
120 208V	3P+N+G	35-14167-xxx-HAZ	35-18167-xxx-HAZ
125V	1P+N+G	35-14075-xxx-HAZ	35-18075-xxx-HAZ
125 250V	2P+N+G	35-14076-xxx-HAZ	35-18076-xxx-HAZ
208V	2P+G	35-14162-xxx-HAZ	35-18162-xxx-HAZ
208V	3P+G	35-14163-xxx-HAZ	35-18163-xxx-HAZ
250V	2P+G	35-14072-xxx-HAZ	35-18072-xxx-HAZ
250V	3P+G	35-14073-xxx-HAZ	35-18073-xxx-HAZ
277V	1P+N+G	35-14045-xxx-HAZ	35-18045-xxx-HAZ
277 480V	3P+N+G	35-14047-xxx-HAZ	35-18047-xxx-HAZ
347 600V	3P+N+G	35-14147-xxx-HAZ	35-18147-xxx-HAZ
480V	2P+G	35-14042-xxx-HAZ	35-18042-xxx-HAZ
480V	3P+G	35-14043-xxx-HAZ	35-18043-xxx-HAZ
600V	2P+G	35-14142-xxx-HAZ	35-18142-xxx-HAZ
600V	3P+G	35-14143-xxx-HAZ	35-18143-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 DS20 + 2 aux contacts
DS20 recept 3P+G = 35-14043-972-HAZ

480V 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 248-257 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 2

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	552P0N05	5K2P0N05
	3/4"	552P0N07	5K2P0N07
	1"	552P0N10	5K2P0N10
	1 1/4"	552P0N12	-
	POLY HANDLE w/Cable Range		
	.20 - .82"	552P0D21	

For available cord grips, see pg 179.

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Cable Range	NPT	Cable Range	NPT
.312 - .625	1/2"	.660 - 1.000	1"
.438 - .812	3/4"	.875 - 1.375"	1 1/4"

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

BOXES

POLY ANGLE WITH METAL BOX w/NPT				
	30°	1/2"	752C3N05	
	30°	3/4"	752C3N07	
	30°	1"	752C3N10	
	* 28.7 in ³	30°	1 1/4"	752C3N12
	* Interior volume with receptacle installed.			

METAL ANGLE WITH METAL BOX w/NPT				
	30°	1/2"	7K2C3N05	
	30°	3/4"	7K2C3N07	
	30°	1"	7K2C3N10	
	* 28.7 in ³	30°	1 1/4"	7K2C3N12
	* Interior volume with receptacle installed.			

POLY ANGLE WITH LARGER METAL WALL BOX w/NPT				
	70°	1/2"	752C7N05	
	70°	3/4"	752C7N07	
	70°	1"	752C7N10	
	* 75.0 in ³	70°	1 1/4"	752C7N12
	* Interior volume with receptacle installed.			
	70°	1 1/2"	752C7N15	

NPT on top or bottom (if rotated). For other NPT 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 easier connector closure.
PROTECTIVE CAP		
	31-1A426	For watertight seal, the male inlet must also be ordered with the "No Lockout Hole" option (-A155). For Male Devices Only.
RECEPTACLE LOCKING PIN		
	LP-843	

Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 54-55.

DS30 Hazardous Location Plugs & Receptacles – 30A

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	1 1/2 hp
240V	1Ø	3 hp
208V	3Ø	5 hp
240V	3Ø	5 hp
480V	3Ø	15 hp
600V	3Ø	15 hp
- Short Circuit Rating**
100kA 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 271 for temps below -15°F.
- Wiring Capacity**
Min 14 AWG Max 4 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 DS30 lid is normally closed

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

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	35-34165-xxx-HAZ	35-38165-xxx-HAZ
120 208V	3P+N+G	35-34167-xxx-HAZ	35-38167-xxx-HAZ
125V	1P+N+G	35-34075-xxx-HAZ	35-38075-xxx-HAZ
125 250V	2P+N+G	35-34076-xxx-HAZ	35-38076-xxx-HAZ
208V	2P+G	35-34162-xxx-HAZ	35-38162-xxx-HAZ
208V	3P+G	35-34163-xxx-HAZ	35-38163-xxx-HAZ
250V	2P+G	35-34072-xxx-HAZ	35-38072-xxx-HAZ
250V	3P+G	35-34073-xxx-HAZ	35-38073-xxx-HAZ
277V	1P+N+G	35-34045-xxx-HAZ	35-38045-xxx-HAZ
277 480V	3P+N+G	35-34047-xxx-HAZ	35-38047-xxx-HAZ
347 600V	3P+N+G	35-34147-xxx-HAZ	35-38147-xxx-HAZ
480V	2P+G	35-34042-xxx-HAZ	35-38042-xxx-HAZ
480V	3P+G	35-34043-xxx-HAZ	35-38043-xxx-HAZ
600V	2P+G	35-34142-xxx-HAZ	35-38142-xxx-HAZ
600V	3P+G	35-34143-xxx-HAZ	35-38143-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 DS30 + 2 aux contacts

DS30 recept 3P+G = 35-34043-972-HAZ

480V DS30 with no options

DS30 recept 3P+G = 35-34043-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 # - 973	With 3 Auxiliary/Pilot Contacts	Inlet # - 973
With 4 Auxiliary/Pilot Contacts	Recept # - 974	With 4 Auxiliary/Pilot Contacts	Inlet # - 974
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 DS30 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 248-257 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 3

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	553P0N05	5K3P0N05
	3/4"	553P0N07	5K3P0N07
	1"	553P0N10	5K3P0N10
	1 1/4"	553P0N12	5K3P0N12

POLY HANDLE w/Cable Range

	.39 - 1.18"	553P0D30
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For available cord grips, see pg 179.



Cable Range	NPT	Cable Range	NPT
.312 - .625	1/2"	.660 - 1.000	1"
.438 - .812	3/4"	.875 - 1.375"	1 1/4"

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

BOXES

POLY ANGLE WITH METAL BOX w/NPT

	30°	1/2"	753C3N05	* Interior volume with receptacle installed.
	30°	3/4"	753C3N07	
	30°	1"	753C3N10	
* 29.6 in ³	30°	1 1/4"	753C3N12	

METAL ANGLE WITH METAL BOX w/NPT

	30°	1/2"	7K3C3N05	* Interior volume with receptacle installed.
	30°	3/4"	7K3C3N07	
	30°	1"	7K3C3N10	
* 29.6 in ³	30°	1 1/4"	7K2C3N12	

POLY ANGLE WITH LARGER METAL WALL BOX w/NPT

	70°	1/2"	753C7N05	* Interior volume with receptacle installed.
	70°	3/4"	753C7N07	
	70°	1"	753C7N10	
* 170.0 in ³	70°	1 1/4"	753C7N12	
	70°	1 1/2"	753C7N15	

METAL ANGLE WITH METAL BOX w/NPT

	70°	1/2"	7K3C7N05	* Interior volume with receptacle installed.
	70°	3/4"	7K3C7N07	
	70°	1"	7K3C7N10	
* 27.7 in ³	70°	1 1/4"	7K2C7N12	
	70°	1 1/2"		

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

ANGLES

POLY ANGLE

	30°	553M3
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METAL ANGLE

	0°	5K3M0
	30°	5K3M3
	70°	5K3M7

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES

	61-6A346	Set of Two (2) Recommended for easier connector closure.
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PROTECTIVE CAP

	31-3A426	For watertight seal, the male inlet must also be ordered with the "No Lockout Hole" option (-A155). For Male Devices 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 54-55.

DS60 Hazardous Location Plugs & Receptacles – 60A

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 271 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



! 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



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.

! See pages 248-257 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
POLY HANDLE w/Cable Range			
	.51 - 1.38"	554P0D35	

For available cord grips, see pg 179.

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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"	754C3N20

* 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"	7K4C3N20

* 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"	7K4C7N20

* 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 CAP		
	31-6A426	For watertight seal, the male inlet must also be ordered with the "No Lockout Hole" option (-A155). For Male Devices Only.
PADLOCKABLE PLUG CAP		
	DS6MC	Aluminum – For Male Devices Only.
RECEPTACLE LOCKING PIN		
	LP-843	

Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 54-55.

DS100C Hazardous Location Plugs & Receptacles – 100A

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	5 hp
240V	1Ø	10 hp
208V	3Ø	20 hp
240V	3Ø	20 hp
480V	3Ø	50 hp
600V	3Ø	50 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 271 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)



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

Hazardous Location DS100C lid is normally closed and opens to 120°

Voltage	Polarity	Part #		Part #	
		Poly	Metal	Poly	Metal
120V	1P+N+G	35-64235-C-K16-xxx-HAZ	36-64235-C-K16-xxx-HAZ	35-68235-C-K16-xxx-HAZ	36-68235-C-K16-xxx-HAZ
120 208V	3P+N+G	35-64237-C-K16-xxx-HAZ	36-64236-C-K16-xxx-HAZ	35-68237-C-K16-xxx-HAZ	36-68236-C-K16-xxx-HAZ
125V	1P+N+G	35-64175-C-K07-xxx-HAZ	36-64175-C-K07-xxx-HAZ	35-68175-C-K07-xxx-HAZ	36-68175-C-K07-xxx-HAZ
125 250V	2P+N+G	35-64176-C-K07-xxx-HAZ	36-64176-C-K07-xxx-HAZ	35-68176-C-K07-xxx-HAZ	36-68176-C-K07-xxx-HAZ
208V	2P+G	35-64232-C-K16-xxx-HAZ	36-64232-C-K16-xxx-HAZ	35-68232-C-K16-xxx-HAZ	36-68232-C-K16-xxx-HAZ
208V	3P+G	35-64235-C-K16-xxx-HAZ	36-64233-C-K16-xxx-HAZ	35-68235-C-K16-xxx-HAZ	36-68233-C-K16-xxx-HAZ
250V	2P+G	35-64172-C-K07-xxx-HAZ	36-64172-C-K07-xxx-HAZ	35-68172-C-K07-xxx-HAZ	36-68172-C-K07-xxx-HAZ
250V	3P+G	35-64173-C-K07-xxx-HAZ	36-64173-C-K07-xxx-HAZ	35-68173-C-K07-xxx-HAZ	36-68173-C-K07-xxx-HAZ
277V	1P+N+G	35-64245-C-K04-xxx-HAZ	36-64245-C-K04-xxx-HAZ	35-68245-C-K04-xxx-HAZ	36-68245-C-K04-xxx-HAZ
277 480V	3P+N+G	35-64247-C-K04-xxx-HAZ	36-64247-C-K04-xxx-HAZ	35-68247-C-K04-xxx-HAZ	36-68247-C-K04-xxx-HAZ
347 600V	3P+N+G	35-64187-C-K14-xxx-HAZ	36-64187-C-K14-xxx-HAZ	35-68187-C-K14-xxx-HAZ	36-68187-C-K14-xxx-HAZ
480V	2P+G	35-64242-C-K04-xxx-HAZ	36-64242-C-K04-xxx-HAZ	35-68242-C-K04-xxx-HAZ	36-68242-C-K04-xxx-HAZ
480V	3P+G	35-64243-C-K04-xxx-HAZ	36-64243-C-K04-xxx-HAZ	35-68243-C-K04-xxx-HAZ	36-68243-C-K04-xxx-HAZ
600V	2P+G	35-64182-C-K14-xxx-HAZ	36-64182-C-K14-xxx-HAZ	35-68182-C-K14-xxx-HAZ	36-68182-C-K14-xxx-HAZ
600V	3P+G	35-64183-C-K14-xxx-HAZ	36-64183-C-K14-xxx-HAZ	35-68183-C-K14-xxx-HAZ	36-68183-C-K14-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 DS100C + 2 aux contacts

DS100C Poly recept 3P+G = 35-64243-C-K04-972-HAZ

480V DS100C with no options

DS100C Poly recept 3P+G = 35-64243-C-K04-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 (metal only)	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 DS100C 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 248-257 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
3/4"			554P0N07	5K4P0N07
poly	1"		554P0N10	5K4P0N10
	1 1/4"		554P0N12	5K4P0N12
	1 1/2"		554P0N15	5K4P0N15
	POLY HANDLE w/Cable Range			
	.51 - 1.38"		554P0D35	

For available cord grips, see pg 179.

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			* Interior volume with receptacle installed.
		30°	1"	
30°		1 1/4"	754C3N12	
30°		1 1/2"	754C3N15	
30°		2"	754C3N20	

* 61.0 in³

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1"	7K4C3N10
	30°	1 1/4"	7K4C3N12
	30°	1 1/2"	7K4C3N15
	30°	2"	7K4C3N20

* 59.4 in³

METAL ANGLE WITH METAL BOX w/NPT			
	70°	1"	7K4C7N10
	70°	1 1/4"	7K4C7N12
	70°	1 1/2"	7K4C7N15
	70°	2"	7K4C7N20

* 170.0 in³

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

ANGLES	POLY ANGLE	
		30°
METAL ANGLE		
	0°	5K4M0
	30°	5K4M3
	70°	5K4M7

MISCELLANEOUS ACCESSORIES	FINGER DRAWPLATES		
		31-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.
	PROTECTIVE CAP		
		31-6A426	For watertight seal, the male inlet must also be ordered with the "No Lockout Hole" option (-A155). For Male Devices Only.
	PADLOCKABLE PLUG CAP		
	DS6MC	Aluminum – For Male Devices Only.	
RECEPTACLE LOCKING PIN			
	LP-843		

Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 54-55.

DSN150 Hazardous Location Plugs & Receptacles – 150A

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 225A RK1 non-time delay Mersen fuses.
10kA Withstand
Testing was performed with 400A RK1 non-time delay Mersen fuses.
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 271 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)



Hazardous Location DSN150 lid is normally closed and opens to 90°

! 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 248-257 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"	5K5P0N07	For available third party cord grips, consult factory.
	1"	5K5P0N10	
	1 1/4"	5K5P0N12	
	1 1/2"	5K5P0N15	
	2"	5K5P0N20	

OVERSIZED METAL HANDLE w/NPT

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

SANTOPRENE HANDLE w/Cable Range

	.70 - 1.00"	555P0D25
IP 66/67	.984 - 1.377"	555P0D35
	1.377 - 1.771"	555P0D45

BOXES

METAL ANGLE WITH METAL BOX w/NPT

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

METAL ANGLE WITH METAL BOX w/NPT

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

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



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.

ANGLES

METAL ANGLE

	0°	5K5M0
	30°	5K5M3
	70°	5K5M7

MISCELLANEOUS ACCESSORIES

PROTECTIVE CAP

	35-9A126	For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155). For Male Devices Only.
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PADLOCKABLE PLUG CAP

	DS9MC	Aluminum – For Male Devices Only.
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CORD GRIP

	see pg 179
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RECEPTACLE LOCKING PIN

	LP-843
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Notes: For Zone 2 DSN dimensions refer to DSN dimensions on pgs 36-37.

DS200 Hazardous Location Plugs & Receptacles – 200A

Devices rated for hazardous locations are not returnable.

SP US Ratings

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

208V	3Ø	40 hp
240V	3Ø	40 hp
480V	3Ø	100 hp
600V	3Ø	100 hp
- Short Circuit Rating**
10kA 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 271 for temps below -15°F.
- Wiring Capacity**
Min 4 AWG Max 4/0 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



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

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	36-24165-xxx-HAZ	36-28165-xxx-HAZ
120 208V	3P+N+G	36-24167-xxx-HAZ	36-28167-xxx-HAZ
125V	1P+N+G	36-24075-xxx-HAZ	36-28075-xxx-HAZ
125 250V	2P+N+G	36-24076-xxx-HAZ	36-28076-xxx-HAZ
208V	2P+G	36-24162-xxx-HAZ	36-28162-xxx-HAZ
208V	3P+G	36-24163-xxx-HAZ	36-28163-xxx-HAZ
250V	2P+G	36-24072-xxx-HAZ	36-28072-xxx-HAZ
250V	3P+G	36-24073-xxx-HAZ	36-28073-xxx-HAZ
277V	1P+N+G	36-24045-xxx-HAZ	36-28045-xxx-HAZ
277 480V	3P+N+G	36-24047-xxx-HAZ	36-28047-xxx-HAZ
347 600V	3P+N+G	36-24147-xxx-HAZ	36-28147-xxx-HAZ
480V	2P+G	36-24042-xxx-HAZ	36-28042-xxx-HAZ
480V	3P+G	36-24043-xxx-HAZ	36-28043-xxx-HAZ
600V	2P+G	36-24142-xxx-HAZ	36-28142-xxx-HAZ
600V	3P+G	36-24143-xxx-HAZ	36-28143-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 DS200 + 2 aux contacts
DS200 recept 3P+G = 36-24043-972-HAZ

480V DS200 with no options
DS200 recept 3P+G = 36-24043-HAZ

Receptacle Options	Suffix #	Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Recept # - 972	With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 4 Auxiliary/Pilot Contacts	Recept # - 174	With 4 Auxiliary/Pilot Contacts	Inlet # - 174
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 DS200 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 248-257 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 6

Accessories rated for hazardous locations are not returnable.

HANDLES

HANDLE w/NPT	Part # Metal
1"	5K6P0N10
1 1/4"	5K6P0N12
1 1/2"	5K6P0N15
2"	5K6P0N20
2 1/2"	5K6P0N25
3"	5K6P0N30



SANTOPRENE HANDLE w/Cable Range

.984 - 1.377"	556P0D35
1.377 - 1.771"	556P0D45
1.771 - 1.929"	556P0D49



IP 66/67

For available cord grips, see pg 179.

BOXES

METAL ANGLE WITH METAL BOX w/NPT	Part #
60° 1 1/2"	7K6C6N15
60° 2"	7K6C6N20
60° 2 1/2"	7K6C6N25



* 248.4 in³

* Interior volume with receptacle installed.

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



Cable Range	NPT	Cable Range	NPT
.660 - 1.000	1"	1.190 - 2.438"	2"
.875 - 1.375"	1 1/4"	2.062 - 2.438"	2 1/2"
.890 - 1.812"	1 1/2"	2.438 - 2.812"	3"

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

ANGLES

METAL ANGLE	Part # Metal
0°	5K6M0



60°

5K6M6

MISCELLANEOUS ACCESSORIES

PROTECTIVE CAP



35-2A126

For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155).
For Male Devices Only.

PADLOCKABLE PLUG CAP



DS2MC

For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155).
Aluminum – For Male Devices Only.

CORD GRIP with MESH



see pg 178

RECEPTACLE LOCKING PIN



LP-843

HAZARDOUS LOCATION

Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 54-55.