

ZONE 2

Hazardous Location Rated Plug and Receptacle



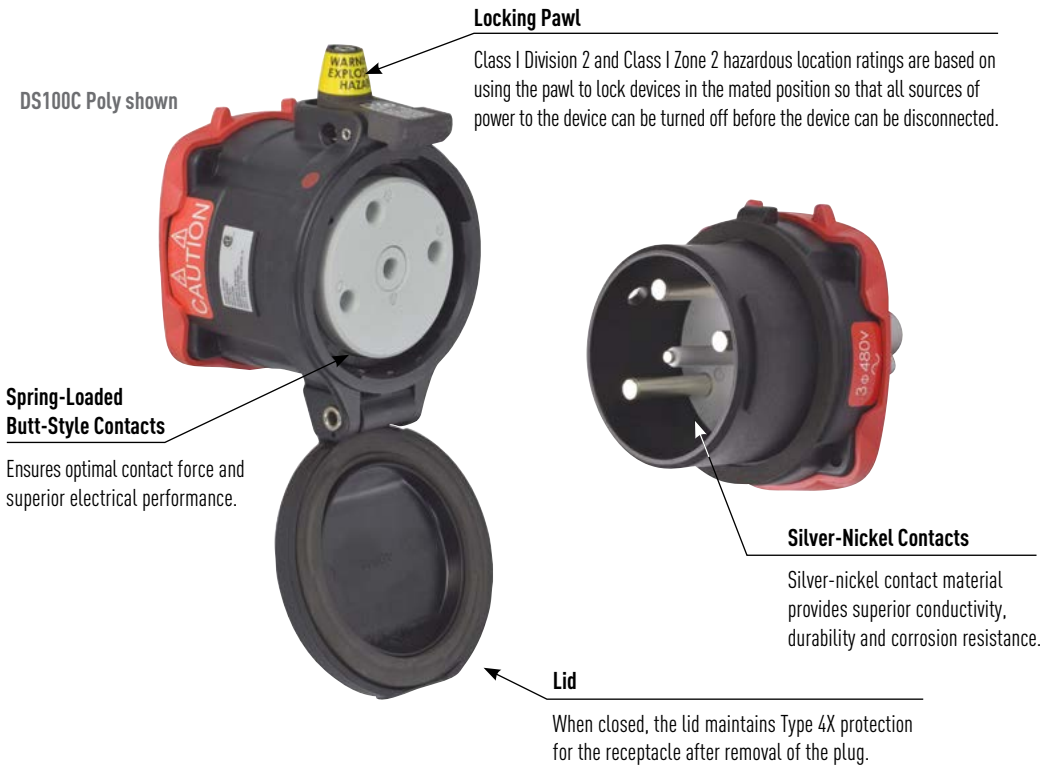
Main Advantages

- ▶ 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. 192
- ▶ **DS** p. 193
- ▶ **DSN** p. 201
- ▶ **DR** p. 205
- ▶ **DSDC** p. 211

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 250 A
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
60 A, 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 – 20 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	.75 hp
208V	3Ø	3 hp
240V	3Ø	5 hp
480V	3Ø	7.5 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 258 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 235-244 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	-

For available cord grips, see pg 168.

POLY HANDLE w/Cable Range


	.20 - .82"	552P0D21
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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
	30°	1 1/4"	752C3N12


* 28.7 in³

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/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 w/NPT			
	70°	1/2"	752C7N05
	70°	3/4"	752C7N07
	70°	1"	752C7N10
	70°	1 1/4"	752C7N12
	70°	1 1/2"	752C7N15



* 75.0 in³

* Interior volume with receptacle installed.

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

RECEPTACLE LOCKING PIN		
	LP-843	

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

DS30 Hazardous Location Plugs & Receptacles – 30 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	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 258 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



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 235-244 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

For available cord grips, see pg 168.





POLY HANDLE w/Cable Range		
	.39 - 1.18"	553P0D30

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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.

ANGLES


POLY ANGLE		
	30°	553M3
METAL ANGLE		
	0°	5K3M0
	30°	5K3M3
	70°	5K3M7

BOXES

POLY ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	753C3N05
	30°	3/4"	753C3N07
	30°	1"	753C3N10
	30°	1 1/4"	753C3N12


* 29.6 in³

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	7K3C3N05
	30°	3/4"	7K3C3N07
	30°	1"	7K3C3N10
	30°	1 1/4"	7K3C3N12


* 29.6 in³

* Interior volume with receptacle installed.

POLY ANGLE WITH LARGER METAL BOX w/NPT			
	70°	1/2"	753C7N05
	70°	3/4"	753C7N07
	70°	1"	753C7N10
	70°	1 1/4"	753C7N12
	70°	1 1/2"	753C7N15

* 170.0 in³

* Interior volume with receptacle installed.


METAL ANGLE WITH METAL BOX w/NPT			
	70°	1/2"	7K3C7N05
	70°	3/4"	7K3C7N07
	70°	1"	7K3C7N10
	70°	1 1/4"	7K3C7N12
	70°	1 1/2"	7K3C7N15

* 27.7 in³

* Interior volume with receptacle installed.

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

MISCELLANEOUS ACCESSORIES

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

PROTECTIVE INLET/PLUG CAP		
	31-3A426	For Intets/Plugs Only.

RECEPTACLE LOCKING PIN		
	LP-843	

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

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	

HAZARDOUS LOCATION

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

DS100C Hazardous Location Plugs & Receptacles – 100 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	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 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)



! 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	36-64237-C-K16-xxx-HAZ	35-68237-C-K16-xxx-HAZ	36-68237-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	35-64233-C-K16-xxx-HAZ	36-64233-C-K16-xxx-HAZ	35-68233-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 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"	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	
	* 170.0 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 cord to cord assembly applications, 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.

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"	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 - 1.000"	555P0D25
	.984 - 1.377"	555P0D35
	1.378 - 1.771"	555P0D45

IP66/IP67

ANGLES

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

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	
	30°	2 1/2"	7K5C3N25	
	111.8 in ³			

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	
	70°	2 1/2"	7K5C7N25	
	175.0 in ³			

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

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

	DS9MC	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

	LP-843
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Notes: For Zone 2 DSN dimensions refer to DSN dimensions on pgs 37-38.

DS200 Hazardous Location Plugs & Receptacles – 200 A

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 258 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

Receptacle (female)



Inlet (male)



Standard Hazardous Location DS200 lid is normally closed and opens to 90° (degrees)

! 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 235-244 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



Metal

For available cord grips, see pg 168.

SANTOPRENE HANDLE w/Cable Range

.984 - 1.378"	556P0D35
1.378 - 1.772"	556P0D45
1.772 - 1.929"	556P0D49



IP66/IP67

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

0°	5K6M0
60°	5K6M6



MISCELLANEOUS ACCESSORIES

PROTECTIVE INLET/PLUG CAP

39-2A426	For Inlets/Plugs Only.
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PADLOCKABLE INLET/PLUG CAP

DS2MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.
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CORD GRIP with MESH

see pg 167



RECEPTACLE LOCKING PIN

LP-843



HAZARDOUS LOCATION

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

DR30 Hazardous Location Plugs & Receptacles – 30 A

Devices rated for hazardous locations are not returnable.

SP US Ratings

- Voltage**
600 VAC
- Current Interruption Capability**
Not for current interrupting
- Short Circuit Rating**
100kA Withstand
Testing was performed with RK1 current limiting fuses sized at 100% of the devices ampacity rating.
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 258 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 DR30 lid is normally closed

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

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	35-14235-K16-xxx-HAZ	35-18235-K16-xxx-HAZ
120 208V	3P+N+G	35-14237-K16-xxx-HAZ	35-18237-K16-xxx-HAZ
125V	1P+N+G	35-14175-K07-xxx-HAZ	35-18175-K07-xxx-HAZ
125 250V	2P+N+G	35-14176-K07-xxx-HAZ	35-18176-K07-xxx-HAZ
208V	2P+G	35-14232-K16-xxx-HAZ	35-18232-K16-xxx-HAZ
208V	3P+G	35-14233-K16-xxx-HAZ	35-18233-K16-xxx-HAZ
250V	2P+G	35-14172-K07-xxx-HAZ	35-18172-K07-xxx-HAZ
250V	3P+G	35-14173-K07-xxx-HAZ	35-18173-K07-xxx-HAZ
277V	1P+N+G	35-14245-K04-xxx-HAZ	35-18245-K04-xxx-HAZ
277 480V	3P+N+G	35-14247-K04-xxx-HAZ	35-18247-K04-xxx-HAZ
347 600V	3P+N+G	35-14187-K14-xxx-HAZ	35-18187-K14-xxx-HAZ
480V	2P+G	35-14242-K04-xxx-HAZ	35-18242-K04-xxx-HAZ
480V	3P+G	35-14243-K04-xxx-HAZ	35-18243-K04-xxx-HAZ
600V	2P+G	35-14182-K14-xxx-HAZ	35-18182-K14-xxx-HAZ
600V	3P+G	35-14183-K14-xxx-HAZ	35-18183-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 DR30 + 2 aux contacts

DR30 recept 3P+G = 35-14243-K04-972-HAZ

480V DR30 with no options

DR30 recept 3P+G = 35-14243-K04-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 DR30 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 235-244 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	-

For available cord grips, see pg 168.


POLY HANDLE w/Cable Range		
	.20 - .82"	552P0D21

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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
	30°	1 1/4"	752C3N12

* 28.7 in³ * Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/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 w/NPT			
	70°	1/2"	752C7N05
	70°	3/4"	752C7N07
	70°	1"	752C7N10
	70°	1 1/4"	752C7N12
	70°	1 1/2"	752C7N15

* 75.0 in³ * Interior volume with receptacle installed.




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 INLET/PLUG CAP		
	31-1A426	For Inlets/Plugs Only.
RECEPTACLE LOCKING PIN		
	LP-843	

Notes: For Zone 2 DR dimensions refer to DR dimensions on pgs 101-102.

DR50 Hazardous Location Plugs & Receptacles – 50 A

Devices rated for hazardous locations are not returnable.

SP US Ratings

- Voltage**
600 VAC
- Current Interruption Capability**
Not for current interrupting
- Short Circuit Rating**
100kA Withstand
Testing was performed with RK1 current limiting fuses sized at 100% of the devices ampacity rating.
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 258 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 DR50 lid is normally closed

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

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	35-34235-K16-xxx-HAZ	35-38235-K16-xxx-HAZ
120 208V	3P+N+G	35-34237-K16-xxx-HAZ	35-38237-K16-xxx-HAZ
125V	1P+N+G	35-34175-K07-xxx-HAZ	35-38175-K07-xxx-HAZ
125 250V	2P+N+G	35-34176-K07-xxx-HAZ	35-38176-K07-xxx-HAZ
208V	2P+G	35-34232-K16-xxx-HAZ	35-38232-K16-xxx-HAZ
208V	3P+G	35-34233-K16-xxx-HAZ	35-38233-K16-xxx-HAZ
250V	2P+G	35-34172-K07-xxx-HAZ	35-38172-K07-xxx-HAZ
250V	3P+G	35-34173-K07-xxx-HAZ	35-38173-K07-xxx-HAZ
277V	1P+N+G	35-34245-K04-xxx-HAZ	35-38245-K04-xxx-HAZ
277 480V	3P+N+G	35-34247-K04-xxx-HAZ	35-38247-K04-xxx-HAZ
347 600V	3P+N+G	35-34187-K14-xxx-HAZ	35-38187-K14-xxx-HAZ
480V	2P+G	35-34242-K04-xxx-HAZ	35-38242-K04-xxx-HAZ
480V	3P+G	35-34243-K04-xxx-HAZ	35-38243-K04-xxx-HAZ
600V	2P+G	35-34182-K14-xxx-HAZ	35-38182-K14-xxx-HAZ
600V	3P+G	35-34183-K14-xxx-HAZ	35-38183-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 DR50 + 2 aux contacts

DR50 recept 3P+G = 35-34243-K04-972-HAZ

480V DR50 with no options

DR50 recept 3P+G = 35-34243-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 # - 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 DR50 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 235-244 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

For available cord grips, see pg 168.


POLY HANDLE w/Cable Range		
	.39 - 1.18"	553P0D30

i


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
	30°	3/4"	753C3N07
	30°	1"	753C3N10
	30°	1 1/4"	753C3N12


* 29.6 in³ * Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1/2"	7K3C3N05
	30°	3/4"	7K3C3N07
	30°	1"	7K3C3N10
	30°	1 1/4"	7K3C3N12

* 29.6 in³ * Interior volume with receptacle installed.

POLY ANGLE WITH LARGER METAL BOX w/NPT			
	70°	1/2"	753C7N05
	70°	3/4"	753C7N07
	70°	1"	753C7N10
	70°	1 1/4"	753C7N12
	70°	1 1/2"	753C7N15


* 170.0 in³ * Interior volume with receptacle installed.




METAL ANGLE WITH METAL BOX w/NPT			
	70°	1/2"	7K3C7N05
	70°	3/4"	7K3C7N07
	70°	1"	7K3C7N10
	70°	1 1/4"	7K3C7N12

* 27.7 in³ * Interior volume with receptacle installed.


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

ANGLES

POLY ANGLE		
	30°	553M3

METAL ANGLE		
	0°	5K3M0
	30°	5K3M3
	70°	5K3M7

MISCELLANEOUS ACCESSORIES

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

PROTECTIVE INLET/PLUG CAP		
	31-3A426	For Intets/Plugs Only.

RECEPTACLE LOCKING PIN		
	LP-843	

Notes: For Zone 2 DR dimensions refer to DR dimensions on pgs 101-102.

DR250 Hazardous Location Plugs & Receptacles – 250 A

Devices rated for hazardous locations are not returnable.

SP US Ratings

- Voltage**
600 VAC
- Current Interruption Capability**
Not for current interrupting
- Short Circuit Rating**
10kA Withstand
Testing was performed with RK1 current limiting fuses sized at 100% of the devices ampacity rating.
- 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 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

Receptacle (female)

Inlet (male)

Easy Closing Mechanism



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

Standard Hazardous Location DR250 lid is normally closed and opens to 90°

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	36-24235-K16-xxx-HAZ	36-28235-K16-xxx-HAZ
120 208V	3P+N+G	36-24237-K16-xxx-HAZ	36-28237-K16-xxx-HAZ
125V	1P+N+G	36-24035-K07-xxx-HAZ	36-28035-K07-xxx-HAZ
125 250V	2P+N+G	36-24036-K07-xxx-HAZ	36-28036-K07-xxx-HAZ
208V	2P+G	36-24232-K16-xxx-HAZ	36-28232-K16-xxx-HAZ
208V	3P+G	36-24233-K16-xxx-HAZ	36-28233-K16-xxx-HAZ
250V	2P+G	36-24032-K07-xxx-HAZ	36-28032-K07-xxx-HAZ
250V	3P+G	36-24033-K07-xxx-HAZ	36-28033-K07-xxx-HAZ
277V	1P+N+G	36-24245-K04-xxx-HAZ	36-28245-K04-xxx-HAZ
277 480V	3P+N+G	36-24247-K04-xxx-HAZ	36-28247-K04-xxx-HAZ
347 600V	3P+N+G	36-24027-K14-xxx-HAZ	36-28027-K14-xxx-HAZ
480V	2P+G	36-24242-K04-xxx-HAZ	36-28242-K04-xxx-HAZ
480V	3P+G	36-24243-K04-xxx-HAZ	36-28243-K04-xxx-HAZ
600V	2P+G	36-24022-K14-xxx-HAZ	36-28022-K14-xxx-HAZ
600V	3P+G	36-24023-K14-xxx-HAZ	36-28023-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 DR250 + 2 aux contacts

DR250 recept 3P+G = 36-24243-K04-972-HAZ

480V DR250 with no options

DR250 recept 3P+G = 36-24243-K04-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 3 Auxiliary/Pilot Contacts	Inlet # - 174
With 6 Auxiliary/Pilot Contacts	Recept # - 976	With 4 Auxiliary/Pilot Contacts	Inlet # - 976
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 DR250 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 235-244 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



For available cord grips, see pg 168.

SANTOPRENE HANDLE w/Cable Range

IP66/IP67	.984 - 1.378"	556P0D35
	1.378 - 1.772"	556P0D45
	1.772 - 1.929"	556P0D49

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 INLET/PLUG CAP		
39-2A426	For Inlets/Plugs Only.	
PADLOCKABLE INLET/PLUG CAP		
DS2MC	Aluminum – For Inlets/Plugs Only -A155 suffix required to maintain water ingress protection.	
CORD GRIP with MESH		
see pg 167		
RECEPTACLE LOCKING PIN		
LP-843		

Notes: For Zone 2 DR dimensions refer to DR dimensions on pgs 101-102.

Hazardous Location Plugs & Receptacles

20 A – 200 A

Devices rated for hazardous locations are not returnable.

SP US Ratings

- Max Amperage & Voltage**
200 A, 250 VDC
- Current Interruption Capability**
Not for current interrupting
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 258 for temps below -15°F.
- Wiring Capacity**
DSDC1 Min 14 AWG Max 8 AWG
DSDC3 Min 14 AWG Max 4 AWG
DSDC6 Min 10 AWG Max 2 AWG
DSDC9 Min 4 AWG Max 2/0 AWG
DSDC2 Min 4 AWG Max 4/0 AWG
Based on THHN wire sizes
- Certifications**
CSA C22.2 No. 182.1-07
CSA 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 #		Part #	
		Poly	Metal	Poly	Metal
DSDC1	130V/20 A 2P+G	35-14109-xxx-HAZ	-	35-18109-xxx-HAZ	-
DSDC3	130V/30 A 2P+G	35-34109-xxx-HAZ	-	35-38109-xxx-HAZ	-
DSDC6	130V/60 A 2P+G	35-64109-xxx-HAZ	36-64109-xxx-HAZ	35-68109-xxx-HAZ	36-68109-xxx-HAZ
DSDC9	130V/100 A 2P+G	-	36-94109-xxx-HAZ	-	36-98109-xxx-HAZ
DSDC2	130V/200 A 2P+G	-	36-24109-xxx-HAZ	-	36-28109-xxx-HAZ
DSDC1	250V/20 A 2P+G	35-14209-xxx-HAZ	-	35-18209-xxx-HAZ	-
DSDC3	250V/30 A 2P+G	35-34209-xxx-HAZ	-	35-38209-xxx-HAZ	-
DSDC6	250V/60 A 2P+G	35-64209-xxx-HAZ	36-64209-xxx-HAZ	35-68209-xxx-HAZ	36-68209-xxx-HAZ
DSDC9	250V/100 A 2P+G	-	36-94209-xxx-HAZ	-	36-98209-xxx-HAZ
DSDC2	250V/200 A 2P+G	-	36-24209-xxx-HAZ	-	36-28209-xxx-HAZ

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

Receptacle Options	Part #
Normally Open Lid	Recept # - NO
180° Opening Lid	Recept # - 180
<small>Metal casings only.</small>	
Inlet Options	Part #
With no Lockout Hole	Inlet # -A155

Feature Spotlight – Screw-Type Locking Pawl



Zone 2/Division 2 DSDC 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.

Part Number Example

250V DSDC6 + 180° Opening Lid
DSDC6 Metal recept 2P+G = 36-64209-180-HAZ

250V DSDC6 with no options
DSDC6 Metal recept 2P+G = 36-64209-HAZ

! See pages 235-244 for detailed information on these options

INSTALLATION ACCESSORIES

Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.

HANDLES



Poly Handle



Poly Handle

For Zone 2 DSDC dimensions use the cross reference chart below and refer to DS dimensions on pgs 55-56.

	Cable Range	Poly Handle	1/2" NPT	3/4" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT
DSDC1	.20 - .83"	552P0D21	552P0N05	552P0N07	552P0N10	552P0N12	-
DSDC3	.39 - 1.18"	553P0D30	553P0N05	553P0N07	553P0N10	553P0N12	-
DSDC6	.51 - 1.38"	554P0D35	554P0N05	554P0N07	554P0N10	554P0N12	554P0N15

Dimensions	
DSDC1	same as DS20
DSDC3	same as DS30
DSDC6	same as DS60
DSDC9	same as DS100
DSDC2	same as DS200



Metal Handle

DSDC1, 3, 6 shown



Metal Handle

DSDC9, 2 shown

	1/2" NPT	3/4" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT	2" NPT	2 1/2" NPT	3" NPT
DSDC1	5K2P0N05	5K2P0N07	5K2P0N10	5K2P0N12	-	-	-	-
DSDC3	5K3P0N05	5K3P0N07	5K3P0N10	5K3P0N12	-	-	-	-
DSDC6	5K4P0N05	5K4P0N07	5K4P0N10	5K4P0N12	5K4P0N15	-	-	-
DSDC9	-	5K5P0N07	5K5P0N10	5K5P0N12	5K5P0N15	5K5P0N20	-	-
DSDC2	-	-	5K6P0N10	5K6P0N12	5K6P0N15	5K6P0N20	5K6P0N25	5K6P0N30

i For available cord grips, see pg 168.

BOXES



Poly Angle 30° with Metal Box

DSDC1, 3, 6 shown



Metal Angle 30° with Metal Box (DSDC2 60°)

DSDC1, 3, 6 shown



DSDC9, 2 shown

	1/2"NPT	3/4" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT	2" NPT	1/2" NPT	3/4" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT	2" NPT	2 1/2"NPT
DSDC1	752C3N05	752C3N07	752C3N10	752C3N12	-	-	7K2C3N05	7K2C3N07	7K2C3N10	7K2C3N12	-	-	-
DSDC3	753C3N05	753C3N07	753C3N10	753C3N12	-	-	7K3C3N05	7K3C3N07	7K3C3N10	7K3C3N12	-	-	-
DSDC6	-	-	754C3N10	754C3N12	754C3N15	754C3N20	-	-	7K4C3N10	7K4C3N12	7K4C3N15	7K4C3N20	-
DSDC9	-	-	-	-	-	-	-	-	-	7K5C3N12	7K5C3N15	7K5C3N20	7K5C3N25
DSDC2	-	-	-	-	-	-	-	-	-	-	7K6C6N15	7K6C6N20	7K6C6N25



Poly Angle 70° with Larger Metal Wall Box w/NPT



Metal Angle 70° with Metal Box w/NPT

	1/2"NPT	3/4" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT	2" NPT	2 1/2" NPT	
DSDC1	752C7N05	752C7N07	752C7N10	752C7N12	752C7N15	DSDC6	7K4C7N10	7K4C7N12	7K4C7N15	7K4C7N20	
DSDC3	753C7N05	753C7N07	753C7N10	753C7N12	753C7N15	DSDC9	-	7K5C7N12	7K5C7N15	7K5C7N20	7K5C7N25

ANGLES



Poly 30° Angle



Metal 30° Angle



Metal 70° Angle



Metal Straight Adapter

DSDC1	552M3	5K2M3	-	5K2M0
DSDC3	553M3	5K3M3	5K3M7	5K3M0
DSDC6	554M3	5K4M3	5K4M7	5K4M0
DSDC9	-	5K5M3	5K5M7	5K5M0
DSDC2	-	5K6M6 (60°)	-	5K6M0

MISC. ACCESSORIES



* Set of Two (2)



For Inlets/Plugs Only



For Inlets/Plugs Only



Cord Grip



Receptacle Locking Pin

DSDC1	61-3A346	31-1A426	-	see pg 168	LP-843
DSDC3	61-6A346	31-3A426	-	see pg 168	LP-843
DSDC6	31-6A346	31-6A426	DS6MC	see pg 168	LP-843
DSDC9	**	31-9A426	DS9MC	see pg 168	LP-843
DSDC2	**	39-2A426	DS2MC	see pg 168	LP-843

* Recommended for easier connector closure.

** An easy closing mechanism is standard on DSDC9 and DSDC2.

HAZARDOUS LOCATION