

ZONE 2 Hazardous Location



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 100 hp

- Features and Ratings p. 184
- DS p. 185
- DSN p. 193
- DR p. 197
- DSDC p. 203

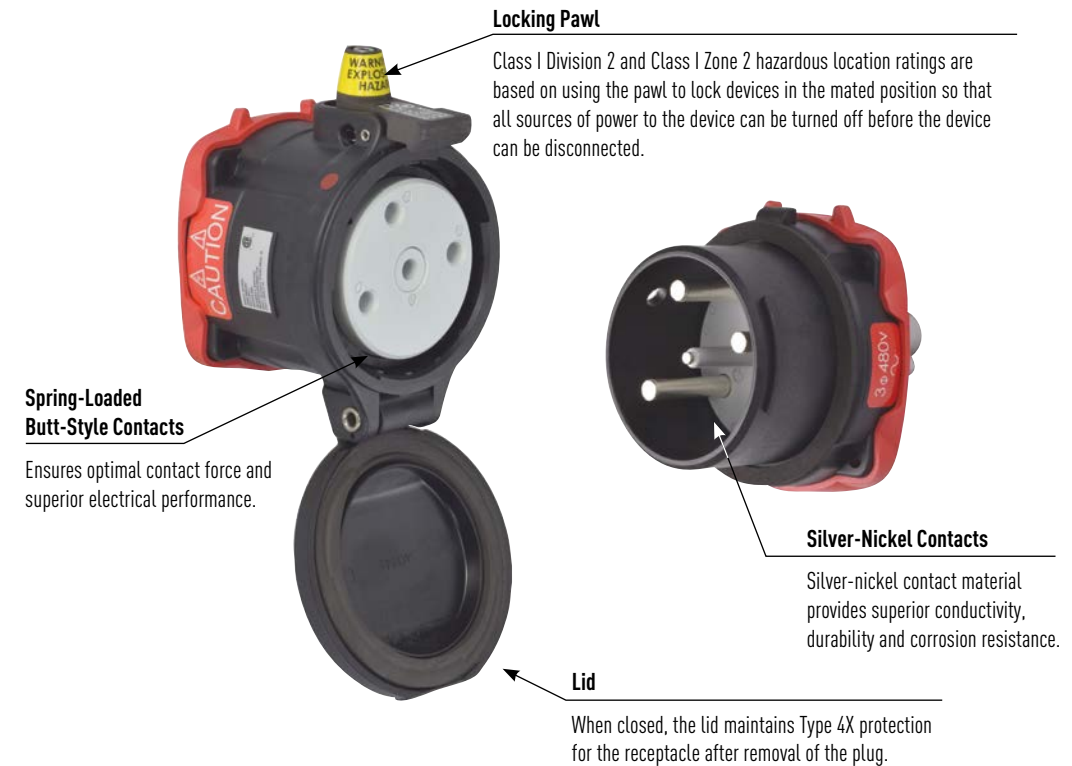
SCAN ME >>



WATCH ME >>



PRODUCT FEATURES



General Ratings

Amperage	20 to 250 A
Voltage	600 VAC, 250 VDC Max
Frequency	60 Hz
Horsepower	.75 to 100 hp
Environmental	Type 4X
Temperature	min -40°F/max 104°F

Hazardous Location Listings

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

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

NOM listing available. Contact Engineering for more information.

Highlighted Feature

Typical Device Labels

Meltric DS60 60 A, 480 VAC 20hp, TYPE 4X 1002001 36-64043 RECEPTACLE/CONNECTOR Class I, Division 2, Groups ABCD, T6 Class I, Zone 2, IIC	CSA C US
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DSN and DS plugs and receptacles are CSA horsepower rated for motor connections in hazardous locations. Not to be operated while energized.

Operating Instructions



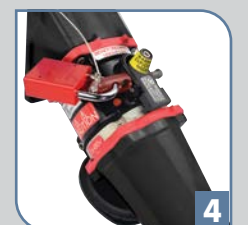
Before connection, ensure that the circuit is de-energized. Align the red dots, push the plug partially in, then turn clockwise slightly to line up the latch with the catch.



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.

DS20 Hazardous Location - 20 A

DS20

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

120 V	1Ø	.75 hp
208 V	3Ø	3 hp
240 V	3Ø	5 hp
480 V	3Ø	7.5 hp
600 V	3Ø	10 hp
 - Short Circuit Rating**
100 kA 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 254 for temperatures outside this range.
 - Wiring Capacity**
* Based on THHN wire sizes.
Min 14 AWG Max 8 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order



VOLTAGE	POLARITY	PART # POLY	PART # POLY
120 V	1P+N+G	35-14165-HAZ	35-18165-HAZ
120 208 V	3P+N+G	35-14167-HAZ	35-18167-HAZ
125 V	1P+N+G	35-14075-HAZ	35-18075-HAZ
125 250 V	2P+N+G	35-14076-HAZ	35-18076-HAZ
208 V	2P+G	35-14162-HAZ	35-18162-HAZ
208 V	3P+G	35-14163-HAZ	35-14163-HAZ
250 V	2P+G	35-14072-HAZ	35-18072-HAZ
250 V	3P+G	35-14073-HAZ	35-18073-HAZ
277 V	1P+N+G	35-14045-HAZ	35-18045-HAZ
277 480 V	3P+N+G	35-14047-HAZ	35-18047-HAZ
347 600 V	3P+N+G	35-14147-HAZ	35-18147-HAZ
480 V	2P+G	35-14042-HAZ	35-18042-HAZ
480 V	3P+G	35-14043-HAZ	35-18043-HAZ
600 V	2P+G	35-14142-HAZ	35-18142-HAZ
600 V	3P+G	35-14143-HAZ	35-18143-HAZ

Part Number Example

480 V DS20 + 2 aux contacts
DS20 recept 3P+G = 35-14043-972-HAZ

480 V 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	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.

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



INSTALLATION ACCESSORIES – SIZE 2

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

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
Poly 1/2"	552P0N05	5K2P0N05
Poly 3/4"	552P0N07	5K2P0N07
Metal 1"	552P0N10	5K2P0N10
Metal 1 1/4"	552P0N12	-

For available cord grips, see pg 160.

POLY HANDLE WITH CABLE RANGE	PART #
.196-.826"	552P0D21

BOXES

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

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

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

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

ANGLES

POLY ANGLE	PART #
30°	552M3

METAL ANGLE	PART #
0°	5K2M0
30°	5K2M3

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	Description
61-3A346	61-3A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure..
31-1A426	31-1A426	For Inlets/Plugs Only.
LP-843	LP-843	

See pages 231-240 for detailed information on these options

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

Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION

DS30 Hazardous Location - 30 A

DS30



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

120 V	10	1.5 hp
240 V	10	3 hp
208 V	30	5 hp
240 V	30	5 hp
480 V	30	15 hp
600 V	30	15 hp
- Short Circuit Rating**
100 kA 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 254 for temperatures outside this range.
- Wiring Capacity**
Based on THHN wire sizes.
Min 14 AWG Max 4 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order



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

Part Number Example

480 V DS30 + 2 aux contacts
DS30 recept 3P+G = 35-34043-972-HAZ

480 V 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
Normally Open Lid Configuration	Recept # -NO	Without 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.

5/16" hole for added security



Handle Option Guide
pgs 237-238

INSTALLATION ACCESSORIES – SIZE 3

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

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
Poly 1/2"	553P0N05	5K3P0N05
Poly 3/4"	553P0N07	5K3P0N07
Metal 1"	553P0N10	5K3P0N10
Metal 1 1/4"	553P0N12	5K3P0N12

For available cord grips, see pg 160.

POLY HANDLE WITH CABLE RANGE

.390-1.180"	553P0D30
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BOXES

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

METAL ANGLE WITH METAL BOX WITH NPT

30° 1/2"	7K3C3N05
30° 3/4"	7K3C3N07
30° 1"	7K3C3N10
30° 1 1/4"	7K3C3N12

POLY ANGLE WITH LARGER METAL BOX WITH NPT

70° 1/2"	753C7N05
70° 3/4"	753C7N07
70° 1"	753C7N10
70° 1 1/4"	753C7N12
70° 1 1/2"	753C7N15

METAL ANGLE WITH METAL BOX WITH NPT

70° 1/2"	7K3C7N05
70° 3/4"	7K3C7N07
70° 1"	7K3C7N10
70° 1 1/4"	7K3C7N12

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

ANGLES

POLY ANGLE	PART #
30°	553M3

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	DESCRIPTION
Set of Two (2)	61-6A346	Recommended for all assembly applications, for easier connector closure.
PROTECTIVE INLET/PLUG CAP		
For Inlets/Plugs Only.	31-3A426	
RECEPTACLE LOCKING PIN		
LP-843	LP-843	



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

Accessories rated for hazardous locations are not returnable.

DS60 Hazardous Location - 60 A

DS60

UL Ratings

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

120 V	1Ø	3 hp
240 V	1Ø	5 hp
208 V	3Ø	10 hp
240 V	3Ø	10 hp
480 V	3Ø	25 hp
600 V	3Ø	25 hp
- Short Circuit Rating**
100 kA 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 254 for temperatures outside this range.
- Wiring Capacity**
Based on THHN wire sizes.
Min 10 AWG Max 2 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order

Receptacle (female)



Inlet (male)



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

Part Number Example

- 480 V DS60 + 2 aux contacts**
DS60 recept 3P+G = 36-64043-972-HAZ
- 480 V 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	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

Zone 2/Division 2 DS60 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



Handle Option Guide
pgs 237-238

INSTALLATION ACCESSORIES – SIZE 4

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

HANDLES

HANDLE WITH 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 160.

POLY HANDLE WITH CABLE RANGE

.511-1.377"	554P0D35
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BOXES

POLY ANGLE WITH METAL BOX WITH NPT	PART #
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 WITH 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 WITH 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 configurations, contact Customer Service.

ANGLES

POLY ANGLE	PART #
30°	554M3

METAL ANGLE	PART #
0°	5K4M0
30°	5K4M3
70°	5K4M7

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	DESCRIPTION
	31-6A346	Set of Two (2) Recommended for all 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	

See pages 231-240 for detailed information on these options

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

Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION

DS100C Hazardous Location - 100 A

DS100C

SE Ratings

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

120 V	1Ø	5 hp
240 V	1Ø	10 hp
208 V	3Ø	20 hp
240 V	3Ø	20 hp
480 V	3Ø	50 hp
600 V	3Ø	50 hp
- Short Circuit Rating**
100 kA 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 254 for temperatures outside of this range
- Wiring Capacity**
Based on THHN wire sizes.
Min 10 AWG Max 2 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order



VOLTAGE	POLARITY	PART #		PART #	
		POLY	METAL	POLY	METAL
120 V	1P+N+G	35-64235-C-K16-HAZ	36-64235-C-K16-HAZ	35-68235-C-K16-HAZ	36-68235-C-K16-HAZ
120 208 V	3P+N+G	35-64237-C-K16-HAZ	36-64237-C-K16-HAZ	35-68237-C-K16-HAZ	36-68237-C-K16-HAZ
125 V	1P+N+G	35-64175-C-K07-HAZ	36-64175-C-K07-HAZ	35-68175-C-K07-HAZ	36-68175-C-K07-HAZ
125 250 V	2P+N+G	35-64176-C-K07-HAZ	36-64176-C-K07-HAZ	35-68176-C-K07-HAZ	36-68176-C-K07-HAZ
208 V	2P+G	35-64232-C-K16-HAZ	36-64232-C-K16-HAZ	35-68232-C-K16-HAZ	36-68232-C-K16-HAZ
208 V	3P+G	35-64233-C-K16-HAZ	36-64233-C-K16-HAZ	35-68233-C-K16-HAZ	36-68233-C-K16-HAZ
250 V	2P+G	35-64172-C-K07-HAZ	36-64172-C-K07-HAZ	35-68172-C-K07-HAZ	36-68172-C-K07-HAZ
250 V	3P+G	35-64173-C-K07-HAZ	36-64173-C-K07-HAZ	35-68173-C-K07-HAZ	36-68173-C-K07-HAZ
277 V	1P+N+G	35-64245-C-K04-HAZ	36-64245-C-K04-HAZ	35-68245-C-K04-HAZ	36-68245-C-K04-HAZ
277 480 V	3P+N+G	35-64247-C-K04-HAZ	36-64247-C-K04-HAZ	35-68247-C-K04-HAZ	36-68247-C-K04-HAZ
347 600 V	3P+N+G	35-64187-C-K14-HAZ	36-64187-C-K14-HAZ	35-68187-C-K14-HAZ	36-68187-C-K14-HAZ
480 V	2P+G	35-64242-C-K04-HAZ	36-64242-C-K04-HAZ	35-68242-C-K04-HAZ	36-68242-C-K04-HAZ
480 V	3P+G	35-64243-C-K04-HAZ	36-64243-C-K04-HAZ	35-68243-C-K04-HAZ	36-68243-C-K04-HAZ
600 V	2P+G	35-64182-C-K14-HAZ	36-64182-C-K14-HAZ	35-68182-C-K14-HAZ	36-68182-C-K14-HAZ
600 V	3P+G	35-64183-C-K14-HAZ	36-64183-C-K14-HAZ	35-68183-C-K14-HAZ	36-68183-C-K14-HAZ

Part Number Example

- 480 V DS100C + 2 aux contacts**
DS100C Poly recept 3P+G = 35-64243-C-K04-972-HAZ
- 480 V 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	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

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



INSTALLATION ACCESSORIES – SIZE 4

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

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
Poly 1/2"	554P0N05	5K4P0N05
Poly 3/4"	554P0N07	5K4P0N07
Poly 1"	554P0N10	5K4P0N10
Metal 1 1/4"	554P0N12	5K4P0N12
Metal 1 1/2"	554P0N15	5K4P0N15

For available cord grips, see pg 160.

POLY HANDLE WITH CABLE RANGE

	.511-1.377"	554P0D35
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BOXES

POLY ANGLE WITH METAL BOX WITH NPT	PART #
30° 1"	754C3N10
30° 1 1/4"	754C3N12
30° 1 1/2"	754C3N15
30° 2"	754C3N20

* 61.0 in³ Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT

30° 1"	7K4C3N10
30° 1 1/4"	7K4C3N12
30° 1 1/2"	7K4C3N15
30° 2"	7K4C3N20

* 59.4 in³ Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT

70° 1"	7K4C7N10
70° 1 1/4"	7K4C7N12
70° 1 1/2"	7K4C7N15
70° 2"	7K4C7N20

* 170.0 in³ Interior volume with receptacle installed.

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

ANGLES

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	31-6A346	Set of Two (2) Recommended for all 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	

See pages 231-240 for detailed information on these options

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

Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION

DSN150 Hazardous Location - 150 A

DSN150

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 non-time delay Mersen fuses.
10 kA 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 254 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order

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.

Handle Option Guide
pgs 237-238

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	PART #
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
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
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.
CORD GRIP		
	see pg 160	
RECEPTACLE LOCKING PIN		
	LP-843	

See pages 231-240 for detailed information on these options

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

Accessories rated for hazardous locations are not returnable.



DS200 Hazardous Location - 200 A

DS200



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

208 V	3Ø	40 hp
240 V	3Ø	40 hp
480 V	3Ø	100 hp
600 V	3Ø	100 hp
- Short Circuit Rating**
65 kA Close & Withstand
Testing was performed with RK5 time delay fuses sized at 100% of the device's rated ampacity.
10 kA Close & Withstand
Testing was performed 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 254 for temperatures outside this range.
- Wiring Capacity**
Based on THHN wire sizes.
Min 4 AWG Max 4/0 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order



VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	36-24165-HAZ	36-28165-HAZ
120 208 V	3P+N+G	36-24167-HAZ	36-28167-HAZ
125 V	1P+N+G	36-24075-HAZ	36-28075-HAZ
125 250 V	2P+N+G	36-24076-HAZ	36-28076-HAZ
208 V	2P+G	36-24162-HAZ	36-28162-HAZ
208 V	3P+G	36-24163-HAZ	36-28163-HAZ
250 V	2P+G	36-24072-HAZ	36-28072-HAZ
250 V	3P+G	36-24073-HAZ	36-28073-HAZ
277 V	1P+N+G	36-24045-HAZ	36-28045-HAZ
277 480 V	3P+N+G	36-24047-HAZ	36-28047-HAZ
347 600 V	3P+N+G	36-24147-HAZ	36-28147-HAZ
480 V	2P+G	36-24042-HAZ	36-28042-HAZ
480 V	3P+G	36-24043-HAZ	36-28043-HAZ
600 V	2P+G	36-24142-HAZ	36-28142-HAZ
600 V	3P+G	36-24143-HAZ	36-28143-HAZ

Part Number Example

480 V DS200 + 2 aux contacts
DS200 recept 3P+G = 36-24043-972-HAZ

480 V 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
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 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.



INSTALLATION ACCESSORIES – SIZE 6

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

HANDLES

HANDLE WITH 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 160.

SANTOPRENE HANDLE WITH CABLE RANGE	PART # METAL
.984-1.377"	556P0D35
1.377-1.771"	556P0D45
1.771-1.929"	556P0D49

BOXES

METAL ANGLE WITH METAL BOX WITH NPT	PART #
60°	7K6C6N15
60°	7K6C6N20
60°	7K6C6N25

* 248.4 in³
* Interior volume with receptacle installed.

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

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 OPTIONS		see pg 160	
RECEPTACLE LOCKING PIN		LP-843	

See pages 231-240 for detailed information on these options

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

Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION

DR30 Hazardous Location - 30 A

DR30

SE Ratings

- **Max Amperage & Voltage**
30 A, 600 VAC
- **Current Interruption Capability**
Not for current interrupting
- **Short Circuit Rating**
100 kA Withstand
Testing was performed with RK1 current limiting fuses sized at 100% of the device's ampacity rating.
- **Environmental Ratings**
Type 4X
- **Temperature Range**
Min -40°F/Max 104°F
See pg 254 for temperatures outside this range.
- **Wiring Capacity**
Based on THHN wire sizes.
Min 14 AWG Max 8 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order

Receptacle (female)



Inlet (male)



Hazardous Location DR30 lid is Self-Returning

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

Part Number Example

480 V DR30 + 2 aux contacts

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

480 V DR30 with no options

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

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 231-240 for detailed information on these options



Handle Option Guide
pgs 237-238

INSTALLATION ACCESSORIES – SIZE 2

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

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
Poly 1/2"	552P0N05	5K2P0N05
Poly 3/4"	552P0N07	5K2P0N07
Metal 1"	552P0N10	5K2P0N10
Metal 1 1/4"	552P0N12	-

For available cord grips, see pg 160

POLY HANDLE WITH CABLE RANGE

.196-.826"	552P0D21
------------	----------

BOXES

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

METAL ANGLE WITH METAL BOX WITH NPT

30° 1/2"	7K2C3N05	* Interior volume with receptacle installed.
30° 3/4"	7K2C3N07	
30° 1"	7K2C3N10	
30° 1 1/4"	7K2C3N12	

POLY ANGLE WITH LARGER METAL BOX WITH NPT

70° 1/2"	752C7N05	* Interior volume with receptacle installed.
70° 3/4"	752C7N07	
70° 1"	752C7N10	
70° 1 1/4"	752C7N12	
70° 1 1/2"	752C7N15	

NPT on top or bottom (if rotated). For other 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 all assembly applications, 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 103-104.

Accessories rated for hazardous locations are not returnable.



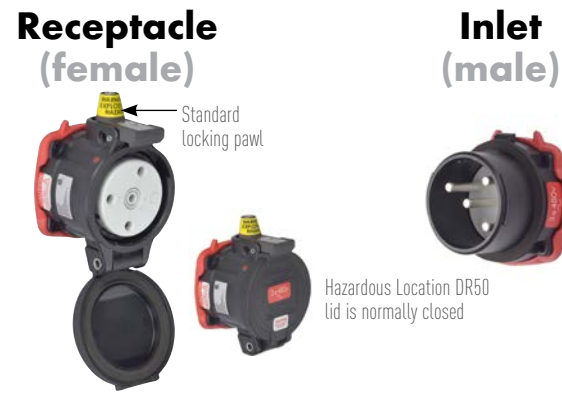
DR50 Hazardous Location - 50 A

DR50

- UL Ratings**
- Max Amperage & Voltage**
50 A, 600 VAC
 - Current Interruption Capability**
Not for current interrupting
 - Short Circuit Rating**
100 kA Withstand
Testing was performed with RK1 current limiting fuses sized at 100% of the device's ampacity rating.
 - Environmental Ratings**
Type 4X
 - Temperature Range**
Min -40°F/Max 104°F
See pg 254 for temperatures outside this range.
 - Wiring Capacity**
Based on THHN wire sizes.
Min 14 AWG Max 4 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order



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

- Part Number Example**
- 480 V DR50 + 2 aux contacts**
DR50 recept 3P+G = 35-34243-K04-972-HAZ
 - 480 V 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
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.

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

Handle Option Guide pgs 237-238

INSTALLATION ACCESSORIES – SIZE 3

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

HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
poly 1/2"	553P0N05	5K3P0N05
poly 3/4"	553P0N07	5K3P0N07
metal 1"	553P0N10	5K3P0N10
metal 1 1/4"	553P0N12	5K3P0N12

For available cord grips, see pg 160

POLY HANDLE WITH CABLE RANGE	PART #
.390-1.180"	553P0D30

BOXES

POLY ANGLE WITH METAL BOX WITH NPT	PART #	Interior volume with receptacle installed.
30° 1/2"	753C3N05	
30° 3/4"	753C3N07	
30° 1"	753C3N10	
30° 1 1/4"	753C3N12	
* 29.6 in ³		

METAL ANGLE WITH METAL BOX WITH NPT	PART #	Interior volume with receptacle installed.
30° 1/2"	7K3C3N05	
30° 3/4"	7K3C3N07	
30° 1"	7K3C3N10	
30° 1 1/4"	7K3C3N12	
* 29.6 in ³		

POLY ANGLE WITH LARGER METAL BOX WITH NPT	PART #	Interior volume with receptacle installed.
70° 1/2"	753C7N05	
70° 3/4"	753C7N07	
70° 1"	753C7N10	
70° 1 1/4"	753C7N12	
70° 1 1/2"	753C7N15	
* 177.7 in ³		

METAL ANGLE WITH METAL BOX WITH NPT	PART #	Interior volume with receptacle installed.
70° 1/2"	7K3C7N05	
70° 3/4"	7K3C7N07	
70° 1"	7K3C7N10	
70° 1 1/4"	7K3C7N12	
* 27.7 in ³		

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

ANGLES

POLY ANGLE	PART #
30°	553M3

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	Description
	61-6A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure..

PROTECTIVE INLET/PLUG CAP	PART #	Description
	31-3A426	For Inlets/Plugs Only.

RECEPTACLE LOCKING PIN	PART #
	LP-843

Notes: For Zone 2 DR dimensions refer to DR dimensions on pgs 103-104.

Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION

DR250 Hazardous Location - 250 A

DR250

Handle Option Guide
pgs 237-238

INSTALLATION ACCESSORIES – SIZE 6

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

Ratings

- Max Amperage & Voltage**
250 A, 600 VAC
- Current Interruption Capability**
Not for current interrupting
- Short Circuit Rating**
10 kA Withstand
Testing was performed with RK1 current limiting fuses sized at 100% of the device's ampacity rating.
- Environmental Ratings**
Type 4X
- Temperature Range**
Min -40°F/Max 104°F
See pg 254 for temperatures outside this range.
- Wiring Capacity**
Based on THHN wire sizes.
Min 4 AWG Max 4/0 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

Devices rated for hazardous locations are not returnable.



Don't forget to add installation accessories to your order

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

HANDLES

HANDLE WITH 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 160.

SANTOPRENE HANDLE W/CABLE RANGE

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

ANGLES

METAL ANGLE	PART # METAL
0°	5K6M0
60°	5K6M6

BOXES

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

* 248.4 in³
NPT on top or bottom (if rotated). For other configurations, contact Customer Service.

* Interior volume with receptacle installed.

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 OPTIONS	
	see pg 160
RECEPTACLE LOCKING PIN	
	LP-843

Part Number Example

480 V DR250 + 2 aux contacts

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

480 V 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 4 Auxiliary/Pilot Contacts	Inlet # -174
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 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.

See pages 231-240 for detailed information on these options

Notes: For Zone 2 DR dimensions refer to DR dimensions on pgs 103-104

Accessories rated for hazardous locations are not returnable.



DSDC Hazardous Location - 200 A

DSDC

UL 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 254 for temps below -15°F.
- Wiring Capacity**
Based on THHN wire sizes.
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
- 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

Devices rated for hazardous locations are not returnable.

Don't forget to add installation accessories to your order

Receptacle (female)



Inlet (male)



VOLTAGE	POLARITY	PART #		PART #		
		POLY	METAL	POLY	METAL	
DSDC1	130 V/20 A	2P+G	35-14109-HAZ	-	35-18109-HAZ	-
DSDC3	130 V/30 A	2P+G	35-34109-HAZ	-	35-38109-HAZ	-
DSDC6	130 V/60 A	2P+G	35-64109-HAZ	36-64109-HAZ	35-68109-HAZ	36-68109-HAZ
DSDC9	130 V/100 A	2P+G	-	36-94109-HAZ	-	36-98109-HAZ
DSDC2	130 V/200 A	2P+G	-	36-24109-HAZ	-	36-28109-HAZ
DSDC1	250 V/20 A	2P+G	35-14209-HAZ	-	35-18209-HAZ	-
DSDC3	250 V/30 A	2P+G	35-34209-HAZ	-	35-38209-HAZ	-
DSDC6	250 V/60 A	2P+G	35-64209-HAZ	36-64209-HAZ	35-68209-HAZ	36-68209-HAZ
DSDC9	250 V/100 A	2P+G	-	36-94209-HAZ	-	36-98209-HAZ
DSDC2	250 V/200 A	2P+G	-	36-24209-HAZ	-	36-28209-HAZ

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

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

Handle Option Guide pgs 237-238

INSTALLATION ACCESSORIES

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

Accessories rated for hazardous locations are not returnable.

HANDLES

CABLE RANGE	POLY HANDLE	Poly Handle					
		1/2"	3/4"	1"	1 1/4"	1 1/2"	
DSDC1	.196-.826"	552P0D21	552P0N05	552P0N07	552P0N10	552P0N12	-
DSDC3	.390-1.180"	553P0D30	553P0N05	553P0N07	553P0N10	553P0N12	-
DSDC6	.511-1.377"	554P0D35	554P0N05	554P0N07	554P0N10	554P0N12	554P0N15

CABLE RANGE	Metal Handle			Metal Handle				
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
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



Receptacle Options Part

Normally Open Lid Recept # - NO
Metal casings only.

Inlet Options Part

Without Lockout Hole Inlet # -A155

Part Number Example

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

Feature Spotlight – Screw-Type Locking Pawl

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

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.

5/16" hole for added security

BOXES

CABLE RANGE	Poly Angle 30° with Metal Box						Metal Angle 30° with Metal Box (DSDC2 60°)						
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
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

CABLE RANGE	Poly Angle 70° with Larger Metal Wall Box with NPT					Metal Angle 70° with Metal Box with NPT					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	1"	1 1/4"	1 1/2"	2"	2 1/2"	
DSDC1	752C7N05	752C7N07	752C7N10	752C7N12	752C7N15	DSDC6	7K4C7N10	7K4C7N12	7K4C7N15	7K4C7N20	-
DSDC3	753C7N05	753C7N07	753C7N10	753C7N12	753C7N15	DSDC9	-	7K5C7N12	7K5C7N15	7K5C7N20	7K5C7N25

ANGLES

CABLE RANGE	POLY 30° ANGLE	METAL 30° ANGLE	METAL 70° ANGLE	METAL STRAIGHT ADAPTER	MISC. ACCESSORIES				
					FINGER DRAWPLATES	PROTECTIVE INLET/PLUG CAP	PADLOCKABLE CAP ALUMINUM	CORD GRIP	RECEPTACLE LOCKING PIN
DSDC1	552M3	5K2M3	-	5K2M0	61-3A426	31-1A426	-	see pg 160	LP-843
DSDC3	553M3	5K3M3	5K3M7	5K3M0	61-6A346	31-3A426	-	see pg 160	LP-843
DSDC6	554M3	5K4M3	5K4M7	5K4M0	31-6A346	31-6A426	DS6MC	see pg 160	LP-843
DSDC9	-	5K5M3	5K5M7	5K5M0	**	31-9A426	DS9MC	see pg 160	LP-843
DSDC2	-	5K6M6 (60°)	-	5K6M0	**	39-2A426	DS2MC	see pg 160	LP-843

Accessories rated for hazardous locations are not returnable.

* Recommended for easier connector closure.
** An easy closing mechanism is standard on DSDC9 and DSDC2.

HAZARDOUS LOCATION