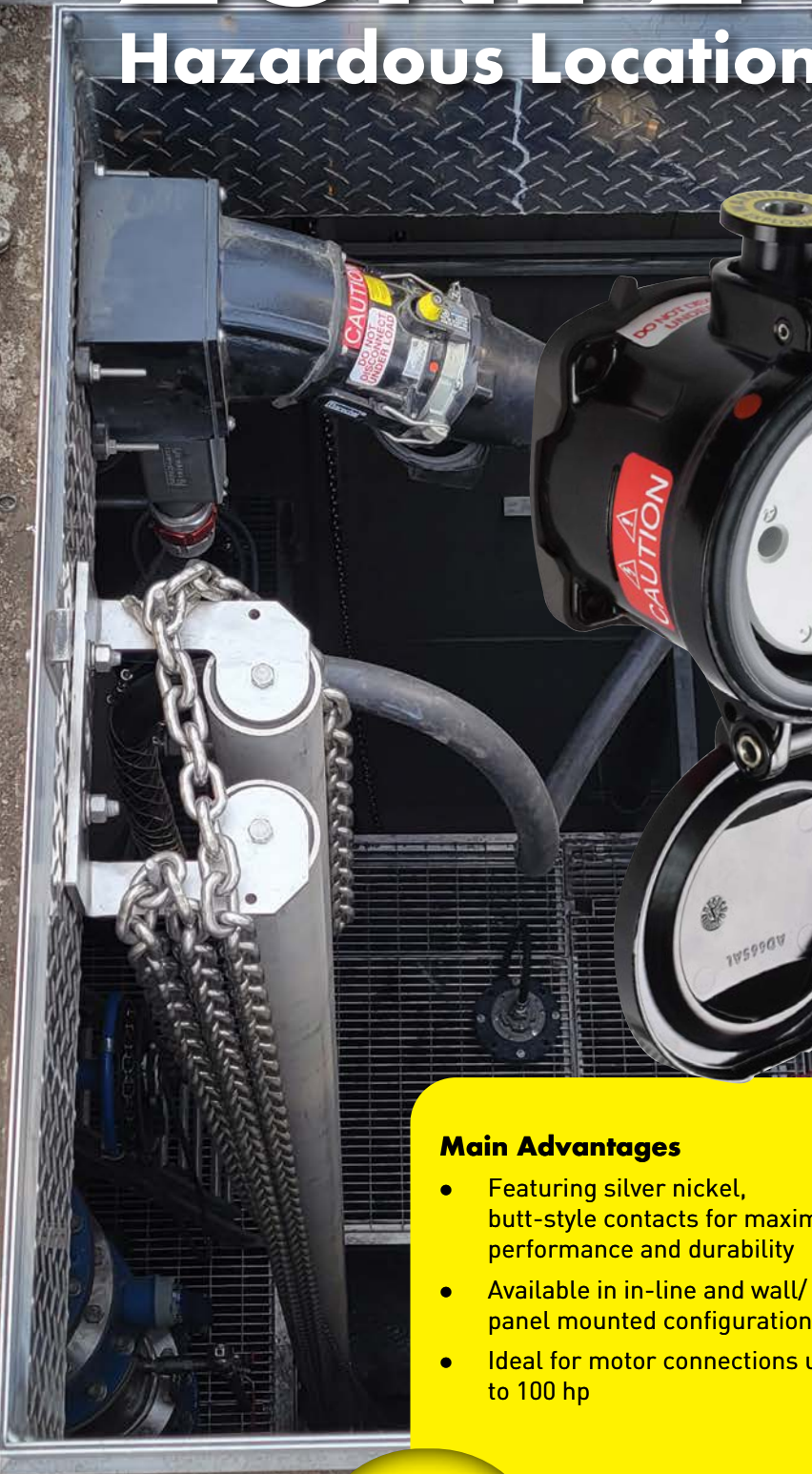


ZONE 2

Hazardous Location

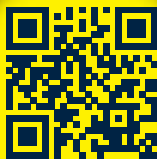


Main Advantages

- 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

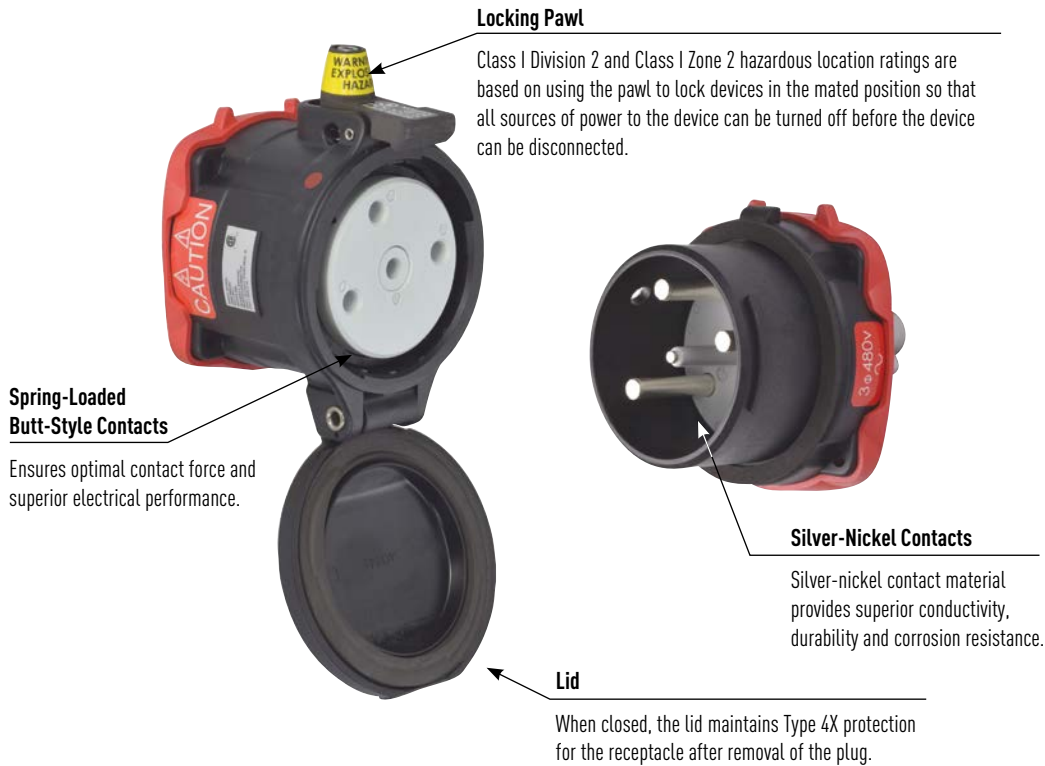
SCAN
ME >>



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

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

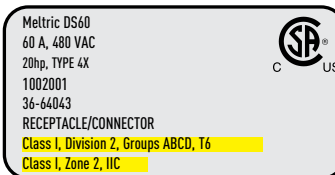
Plug & Receptacles Listings (CSA)

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



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

US 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

Receptacle (female)



Inlet (male)



Hazardous Location DS20 lid is Self-Returning

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



See pages 231-240 for detailed information on these options



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
	1/2"	552P0N05	5K2P0N05
	3/4"	552P0N07	5K2P0N07
	1"	552P0N10	5K2P0N10
	1 1/4"	552P0N12	-

For available cord grips, see pg 160.

POLY HANDLE WITH CABLE RANGE

	.196-.826"	552P0D21
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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

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


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	
	* 74.6 in ³			



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..
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PROTECTIVE INLET/PLUG CAP

	31-1A426	For Inlets/Plugs Only.
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RECEPTACLE LOCKING PIN

	LP-843
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Notes: For Zone 2 DS dimensions refer to DS dimensions on pgs 55-56.

! Accessories rated for hazardous locations are not returnable.

DS30 Hazardous Location - 30 A

SP US Ratings

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

120 V	1Ø	1.5 hp
240 V	1Ø	3 hp
208 V	3Ø	5 hp
240 V	3Ø	5 hp
480 V	3Ø	15 hp
600 V	3Ø	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

Receptacle (female)



Inlet (male)



Hazardous Location DS30 lid is Self-Returning

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



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

Zone 2/Division 2 DS30 receptacles feature a standard screw-type locking pawl. This required feature allows the user to lock the plug to the receptacle by tightening a screw on the pawl.

For added security, a lockout hole is included on the receptacle that enables the user to insert a 5/16" lock or locking pin to prevent the plug from being disconnected or to lock the receptacle lid closed.



5/16" hole for added security

! See pages 231-240 for detailed information on these options





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
		1/2"	553P0N05	5K3P0N05
	3/4"	553P0N07	5K3P0N07	
	1"	553P0N10	5K3P0N10	
	1 1/4"	553P0N12	5K3P0N12	


For available cord grips, see pg 160.

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

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




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

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	
	* 177.7 in ³	70°	1 1/4"	753C7N12
		70°	1 1/2"	753C7N15

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

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

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

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

US 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.

Receptacle (female)



Inlet (male)



Don't forget to add installation accessories to your order

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

See pages 231-240 for detailed information on these options



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

BOXES	POLY ANGLE WITH METAL BOX WITH NPT		PART #	* Interior volume with receptacle installed.
		30°	1"	
	30°	1 1/4"	754C3N12	
	30°	1 1/2"	754C3N15	
	30°	2"	754C3N20	

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

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

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

ANGLES	POLY ANGLE	
		30°

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

MISCELLANEOUS ACCESSORIES		
	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	

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

! Accessories rated for hazardous locations are not returnable.



DS100C Hazardous Location - 100 A

SP 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

Receptacle (female)



Inlet (male)



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 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 231-240 for detailed information on these options



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 #	* Interior volume with receptacle installed.
	30°	1"	754C3N10	
	30°	1 1/4"	754C3N12	
	30°	1 1/2"	754C3N15	
	* 61.0 in ³	30°	2"	

METAL ANGLE WITH METAL BOX WITH NPT

	30°	1"	7K4C3N10	* Interior volume with receptacle installed.
	30°	1 1/4"	7K4C3N12	
	30°	1 1/2"	7K4C3N15	
	* 59.4 in ³	30°	2"	

METAL ANGLE WITH METAL BOX WITH NPT





	70°	1"	7K4C7N10	* Interior volume with receptacle installed.	
	70°	1 1/4"	7K4C7N12		
	70°	1 1/2"	7K4C7N15		
	* 170.0 in ³	70°	2"		7K4C7N20

NPT on top or bottom (if rotated). For other 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 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	



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

! Accessories rated for hazardous locations are not returnable.

DSN150 Hazardous Location - 150 A

SP US 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.

Receptacle (female)

Inlet (male)



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

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.


! See pages 231-240 for detailed information on these options



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

SANTOPRENE HANDLE WITH CABLE RANGE	PART #
.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
111.8 in ³ 30° 2 1/2"	7K5C3N25

* Interior volume with receptacle installed.


METAL ANGLE WITH METAL BOX WITH NPT	PART #
70° 1 1/4"	7K5C7N12
70° 1 1/2"	7K5C7N15
70° 2"	7K5C7N20
175.0 in ³ 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	PART #	Notes
	31-9A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	PART #	Notes
	DS9MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

CORD GRIP	Notes
	see pg 160

RECEPTACLE LOCKING PIN	PART #
	LP-843

HAZARDOUS LOCATION



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

SP Ratings

- **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.

! See pages 231-240 for detailed information on these options



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



Metal

For available cord grips, see pg 160.

SANTOPRENE HANDLE WITH CABLE RANGE

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



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

* Interior volume with receptacle installed.





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

ANGLES

METAL ANGLE	PART #
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

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

! Accessories rated for hazardous locations are not returnable.



HAZARDOUS LOCATION