

DS100C Hazardous Location - 100 A

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

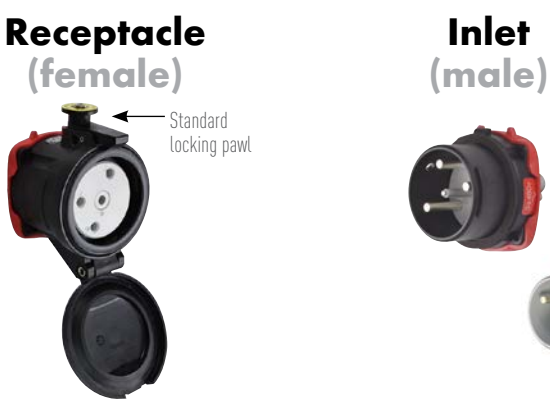
• Hazardous Ratings

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-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 # -N0	Without Lockout Hole		Inlet # -A155

Feature Spotlight – Screw-Type Locking Pawl



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 231-240 for detailed information on these options

DS100C

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.

Handle Option Guide

pgs 237-238

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 #	
	30°	1"		754C3N10	* Interior volume with receptacle installed.
	30°	1 1/4"		754C3N12	
	30°	1 1/2"		754C3N15	
	30°	2"		754C3N20	
* 61.0 in ³					
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	
	30°	2"		7K4C3N20	
* 59.4 in ³					
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	
	70°	2"		7K4C7N20	
* 170.0 in ³					

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.

