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 225 A RK1 fast-acting Mersen fuses.
- **Environmental Ratings**
  Type 4X
- **Temperature Range**
  Min -40°F/Max 104°F
  See pg 260 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)

NOTE: Poly devices should not be inter-mated with metal devices

VOLTAGE	POLARITY	PART # POLY	PART # METAL	PART # POLY	PART # 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**

! See pages 237-246 for detailed information on these options

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 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.

Handle Option Guide pgs 243-244

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
	3/4"	554P0N07	5K4P0N07
	1"	554P0N10	5K4P0N10
Metal	1 1/4"	554P0N12	5K4P0N12
	1 1/2"	554P0N15	5K4P0N15

For available cord grips, see pg 232.

POLY HANDLE WITH CABLE RANGE		
	.511-1.377"	554P0D35

BOXES

POLY ANGLE WITH METAL BOX WITH NPT				
* 61.0 in³	30°	1"	754C3N10	* Interior volume with receptacle installed.
	30°	1 1/4"	754C3N12	
	30°	1 1/2"	754C3N15	
	30°	2"	754C3N20	

METAL ANGLE WITH METAL BOX WITH NPT				
* 59.4 in³	30°	1"	7K4C3N10	* Interior volume with receptacle installed.
	30°	1 1/4"	7K4C3N12	
	30°	1 1/2"	7K4C3N15	
	30°	2"	7K4C3N20	

METAL ANGLE WITH METAL BOX WITH NPT				
* 170.0 in³	70°	1"	7K4C7N10	* Interior volume with receptacle installed.
	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°	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 facilitated mating.

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	

SCAN ME >>

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

! Accessories rated for hazardous locations are not returnable.

HAZARDOUS LOCATION