EP499 Series

Explosion Proof
Mushroom Button Exit Switches

SDC's EP499 series explosion proof mushroom button exit switches are specifically designed for applications where flammable vapors are cause for concern: clean rooms, chemical plants, or refinery environments by eliminating the sparks or arc in the exit switch.

For use in hazardous and corrosive environments:
Class I, Zone 1, AEx de IIC T6...T4 Gb / Ex de IIC T6...T4 Gb X
Zone 21, AEx tb IIC T85°C...T135°C Db IP66 / Ex tb IIC T85°C...T135°C Db IP66 X
Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups E, F, G
Class III UL50, 50E, 508, UL60079-0, -1, -7, -31
Type 3, 4, 4X, 12, 13

This unit is intended to be used in the following atmospheres: acetone, ammonium hydroxide, ATSM fuel C, benzene, methyl-ethylketone, diethyl-ether, 2-nitropropane, ethyl-acetate, furfural, normal hexane, methyl alcohol.

Maximum ambient temperature is not to exceed 150° F (60° C). For supply connections, use a suitable wire with a minimum insulation temperature rating of 167° F (75° C).

MODELS

EP499 Explosion Proof Exit Switch, Green Button, Momentary (MO), DPST

EP499-R Explosion Proof Exit Switch, Red Button, Momentary (MO), DPST

STANDARD FEATURES

- Hazardous location design
- Impact resistant non-metallic antistatic material
- Corrosion proof with F1 UV protection
- 1½" mushroom button
- Silicone gasket on enclosure and actuator
- Explosion protected contact blocks
- Clearance for ¾" bottom feed NPT fitting

the lock behind the system
Security Door Controls

SDC

SPECIFICATIONS

	EP499	EP499-R
Button	1½" Mushroom, Green	1½" Mushroom, Red
Operating Environment	-122° F to 140° F	-122° F to 140° F
Dimensions	3.95" x 4.21" x 4.16"	3.95" x 4.21" x 4.16"
Weight	3 lbs	3 lbs
Contact	DPST	DPST
Rating	DC 60V 5A DC-13	DC 60V 5A DC-13
Type	Momentary (MO)	Momentary (MO)

CERTIFICATIONS

UL Classified for Hazardous Locations
Model: HKH1AN (File E53360)

IEC Rating DC60V 5A DC-13

HOW TO ORDER

FOLLOW STEPS FOR ORDERING
Designates optional step

1| SPECIFY MODEL

EP499 Explosion Proof Exit Switch, Green Button, Momentary (MO), SPDT
EP499-R Explosion Proof Exit Switch, Red Button, Momentary (MO), SPDT

STEP NUMBER:	1
ORDERING EXAMPLE:	**EP499**

RELATED PRODUCTS

EXPLOSION PROOF MAGNETIC LOCKS

Hazardous location design for applications where flammable vapors are cause for concern, like clean room, chemical plant, or refinery environments by eliminating sparks.

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EXPLOSION PROOF EMERGENCY DOOR RELEASES

Hazardous location design for applications where flammable vapors are cause for concern, like clean room, chemical plant, or refinery environments by eliminating sparks.

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