HAZARDOUS & EXPLOSION PROOF

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

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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