

# 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, like clean room, chemical plant, 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), SPDT

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

### 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
<b>Button</b>	1½" Mushroom, Green	1½" Mushroom, Red
<b>Operating Environment</b>	-122° F to 140° F	-122° F to 140° F
<b>Dimensions</b>	3.95" x 4.21" x 4.16"	3.95" x 4.21" x 4.16"
<b>Weight</b>	3 lbs	3 lbs
<b>Contact</b>	DPST	DPST
<b>Rating</b>	DC 60V 5A DC-13	DC 60V 5A DC-13
<b>Type</b>	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.

[CLICK TO VIEW](#)



### 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.

[CLICK TO VIEW](#)

