

SB-EV2

EMERGENCY VENTILATION SWITCH



Key Features

- 40 mm push/pull latching mushroom pushbutton switch
- Tamper-proof clear switch cover
- IP66/NEMA 4 weatherproof design for outdoors or washdown environments
- 120 VAC or 24 VDC
- Mounting flanges for wall mounting
- Solution for compressor room emergency ventilation applications
- Add up to (6) contact blocks
- 2-year warranty

Weatherproof Emergency Ventilation pushbutton switch.

Emergency pushbutton switches are an important part of any control system. They are ideal for protecting personnel and property, allowing the user to press the buttons for emergency ventilation control, in addition to triggering the relays through the gas detection system.

The Emergency Ventilation switches can be used with 24 VDC or 120 VAC, and are shipped with two sets of contacts. Additional NC or NO contactors can be added in the field. The Tamper-proof flip-cover meets most new codes, including IAR 2-2021.

The switches are housed in a durable NEMA 4 polycarbonate enclosure, able to withstand weather and washdown environments for indoor or outdoor mounting applications. Mounting flanges are also included for easy installation.

SPECIFICATIONS

Due to ongoing research and product improvement, specifications are subject to change

CONTACTS RATING: 10A, 120 VAC or 24 VDC

ENCLOSURE: Polycarbonate, IP66/NEMA 4

OPERATING TEMPERATURE: -40°F to +150°F

MOUNTING PLATE: Powder coated aluminum

ACTUATOR: Pull to release, mushroom 40 mm

MECHANICAL DURABILITY: 500,000 cycles

ILLUMINATION: Non-illuminated

DIMENSIONS: 6.35" high x 4.42" wide x 4" deep

LISTING: Switch, contactors and enclosure are UL listed

Configurations

Order #: [SB-EV2](#)

All pushbutton switches are pre-installed in their enclosures with tamper-proof cover.

Emergency Ventilation pushbutton switchbox, tamper-proof flip-cover, NEMA 4 enclosure. 1 set of NC contacts, 1 set of NO contacts.



SB-VS1-NC Normally closed contactor, 10A



SB-VS1-NO Normally Open contactor, 10A



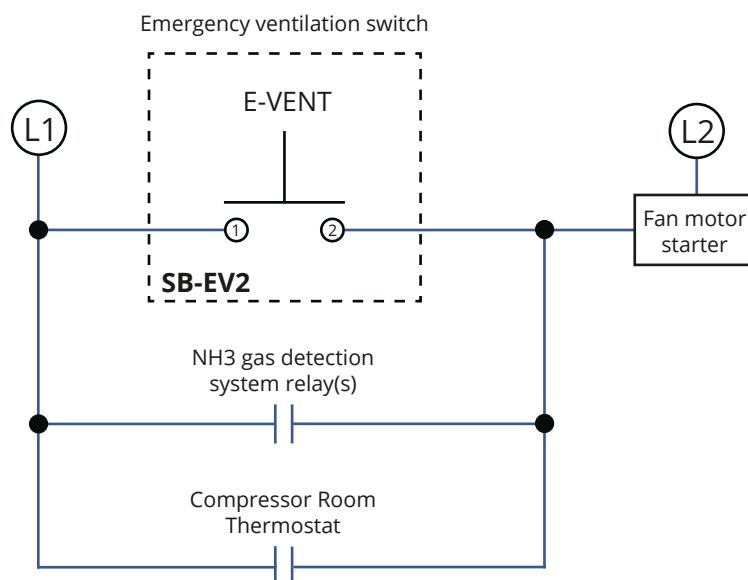
ANSI / IIAR 2-2021:

6.12 Emergency Control Switches

6.12.2 Emergency Ventilation Control Switch. A clearly identified control switch for emergency ventilation that is not operated continuously shall be located outside the machinery room and adjacent to the designated principal machinery room door. The switch shall provide "ON/ AUTO" override capability for emergency ventilation. The function of the switch shall be clearly marked by signage near the controls. The switch shall be readily operable.

Example Wiring Diagrams

(Normal state is the Open position)



(Normal state is the Closed position)

