

SB-ES3

EMERGENCY STOP 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 E-stop applications
- Red actuator with yellow background
- 2-year warranty

Weatherproof Emergency-Stop 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 stop control, in addition to triggering the relays through the gas detection system.

The Emergency-Stop switch can be used with 24 VDC or 120 VAC, and are shipped with one set of normally closed contacts. Additional NC or NO contactors can be added in the field. The Tamper-proof flip-cover meets most new codes, including IAR-2 2014.

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, 120VAC or 24VDC

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 5.22" deep

LISTING: UL, CE

Configurations

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

Order #: [SB-ES3](#)

Emergency Stop pushbutton switchbox, tamper-proof flip-cover, NEMA 4 enclosure. 1 set of NC contacts

SB-VS1-NC

Normally Closed contactor, 10A

SB-VS1-NO

Normally Open contactor, 10A



ANSI / IAR 2-2014:

6.12 Emergency Control Switches

6.12.1 Emergency Stop Switch. A clearly identified emergency shut-off switch with a tamper-resistant cover shall be located outside and adjacent to the designated principal machinery room door. The switch shall provide off-only control of refrigerant compressors, refrigerant pumps, and normally closed automatic refrigerant valves located in the machinery room. The function of the switch shall be clearly marked by signage near the controls.

Example Wiring Diagram (Normal state is the Closed position)

