

EMERGENCY VENTILATION SWITCH



Key Features

- On/Auto 2 position ventilation selector switch
- Tamper-proof clear switch cover
- IP66/NEMA 4 weatherproof design for outdoors or washdown environments
- 120 VAC or 24 VDC
- 10 Amp dry contacts
- Circuit board with terminal block for wire landings
- Mounting flanges for wall mounting
- 2-year warranty
- Normal state is the "ON" position

Indoor/outdoor Emergency Ventilation switch.

The use of an Emergency Ventilation switch provides On or Auto circuit selection for proper engine room operation. They are ideal for protecting personnel and property, allowing operators full override control as necessary.

The emergency ventilation switch can be used with 24 VDC or 120 VAC, and has two sets of 10 Amp dry contacts that are open in the "Auto" position, and closed in the "On" position. 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: Anodized aluminum

CONTACTS: 2 sets of dry contacts

MECHANICAL DURABILITY: 500,000 cycles

ILLUMINATION: Non-illuminated

DIMENSIONS: 5.1" high x 4.2" wide x 4" deep

LISTING: Switch, contactors and enclosure are UL listed

Configurations

All switches are pre-installed in their enclosures

Order #: [SB-VS1](#)

Emergency Ventilation selector 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 2-2014:**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 Diagram (Normal state is the "ON" position)