

PRODUCT DATASHEET

SHEV Compact Control Panel 5A

For controlling and powering of smoke ventilator

Technical

Input: 220Vac

Output : 24Vdc @5A

Consumption: 120W Max.

Working Temp: -10 ~ +50 °C

RH: 10-90%, Non-condensing

Ingress Protection: IP 20

Dimension:

400 * 300 *160 mm (W*D*H)

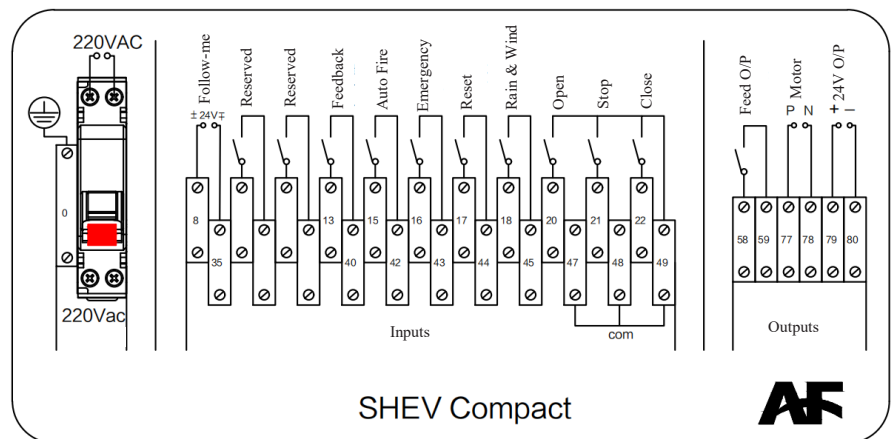
Conform To: GB16808-2006

Part Number: SV.C.05.01.00



Description

SHEV controller receives input from the fire alarm system as well as the manual control buttons to enable emergency opening of a single smoke zone. It also provides day-to-day inputs for natural ventilation.



Use Instructions

Automatic Mode

1, Switch the Manual/Auto key to Auto to enter the Standby mode. The Auto Mode indicator will turn on.
2, When a closed dry contact signal is applied to terminals 15 & 42 (fire alarm active), the controller outputs +24V on terminals 77 & 78, triggering window opening. The output voltage will be continuously maintained. At the same time, the Fire Signal indicator lights up and the buzzer sounds.

Note: If the Manual/Auto key is switched to Manual Mode when a fire alarm signal is received on terminals 15 & 42, there will be no output from terminals 77 & 78, but the Fire Signal Indicator and buzzer will still activate.

Manual Opening

1, Switch the Lock/Unlock key to Unlock and press the Open button. The controller outputs +24V on terminals 77 & 78 to open the windows, and the Open Indicator light turns on.

Manual Closing

1, Switch the Lock/Unlock key to Unlock and press the Close button. The controller outputs -24V on terminals 77 & 78 to drive the actuators to close the windows. At the same time, the Close Indicator light turns on.

Fire Feedback Output

The control panel can receive feedback signals from external controlled devices via terminals 13 and 40 (active on normally closed state). When a feedback signal is detected, the Feedback indicator lights up. The controller then sends a 24V active signal through terminals 58 & 59.

