DATASHEET

Duty / Standby Fan Control Panel.

EV-FAN / EV-FANB

This is a standalone smoke fanset MCC with Danfoss inverter drives. Can be used for smoke or environmental applications that require control of duty and standby fans.

INVERTER-DRIVEN

Fan starters are inverter-driven for speed control and soft starting with optional bypass facility.

CONFIGURABLE

The panel can accept fire alarm signals to operate the fans for smoke control, and BMS signals to operate for environmental purposes. Variants are available with separate environmental fan starters.

WEATHERPROOF

Weatherproof enclosure with cooling ventilators, making the panel suitable for indoor or outdoor locations.

CONFORMITY

UKCA and CE Marked to
BS EN 61439
prEN 12101-9
BS ISO 21927-9

MANUFACTURER

Group SCS

KEY INFO / SPECIFICATIONS

BMS Interfaces	Volt-free contacts Optional Modbus & BACnet gateway available
Voltage Input	Single maintained 400V AC 3P&N (4 Wire)
Voltage Output	400V AC 3P supply for fans
Cable Entries	Bottom
IP Rating	IP55 weatherproof with rain canopy
Operating Temperature	-5 to +50 °C ambient temperatures
Finish	Mild steel, RAL 7035 light grey powder-coated finish

SUITABLE FOR:

SMOKE CONTROL

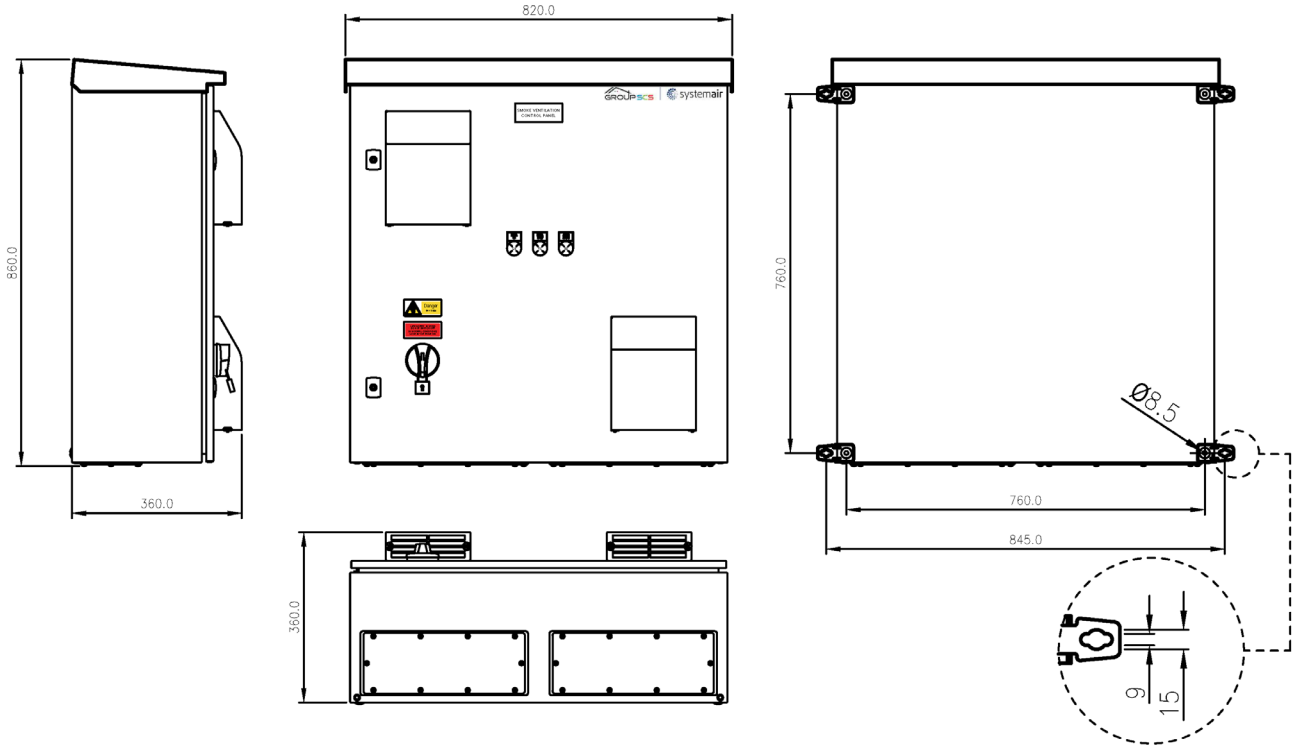
NATURAL VENTILATION

DAMPER CONTROL

MODEL SPECIFIC

Model	Max Current Load	Weight	Dimensions
EV-FAN4	15A	75kg	H:842mm x W:800mm x D:360mm
EV-FAN5.5	18.5A	77kg	H:842mm x W:800mm x D:360mm
EV-FAN7.5	22A	80kg	H:842mm x W:800mm x D:360mm
EV-FAN11	31A	85kg	H:842mm x W:800mm x D:360mm
EV-FAN15	40A	95kg	H:1042mm x W:800mm x D:360mm
EV-FAN18	46A	100kg	H:1042mm x W:800mm x D:360mm
EV-FAN22	53A	103kg	H:1042mm x W:800mm x D:360mm
EV-FANB4	15A	90kg	H:1042mm x W:800mm x D:360mm
EV-FANB5.5	18.5A	93kg	H:1042mm x W:800mm x D:360mm
EV-FANB7.5	22A	95kg	H:1042mm x W:800mm x D:360mm
EV-FANB11	31A	100kg	H:1042mm x W:800mm x D:360mm
EV-FANB15	40A	120kg	H:1242mm x W:800mm x D:360mm
EV-FANB18	46A	125kg	H:1242mm x W:800mm x D:360mm
EV-FANB22	53A	130kg	H:1242mm x W:800mm x D:360mm

TECHNICAL DRAWINGS



VARIATIONS

EV-FAN DUTY/STANDBY FAN CONTROL PANEL	
Model number	**Variations**
EV-FAN4	Duty/Standby fanset control panel, 4KW 10A
EV-FAN5.5	Duty/Standby fanset control panel, 5.5KW 13A
EV-FAN7.5	Duty/Standby fanset control panel, 7.5KW 16A
EV-FAN11	Duty/Standby fanset control panel, 11KW 24A
EV-FAN15	Duty/Standby fanset control panel, 15KW 32A
EV-FAN18	Duty/Standby fanset control panel, 18.5KW 37.5A
EV-FAN22	Duty/Standby fanset control panel, 22KW 44A
EV-FANB4	Duty/Standby fanset control panel, 4KW 10A (bypass)
EV-FANB5.5	Duty/Standby fanset control panel, 5.5KW 13A (bypass)
EV-FANB7.5	Duty/Standby fanset control panel, 7.5KW 16A (bypass)
EV-FANB11	Duty/Standby fanset control panel, 11KW 24A (bypass)
EV-FANB15	Duty/Standby fanset control panel, 15KW 32A (bypass)
EV-FANB18	Duty/Standby fanset control panel, 18.5KW 37.5A (bypass)
EV-FANB22	Duty/Standby fanset control panel, 22KW 44A (bypass)

ACCESSORIES

Part number	Product name
EV-ATS	EV-ATS Automatic Transfer Switch
EV-BMS-SS	Modbus RTU and BACnet MSTP Gateway

SPARE PARTS

Part number	Product name
827-9510	Fan filter
EPLG024C	LED Green 24VDC
EPLY024C	LED Yellow 24VDC
EPLR024C	LED Red 24VDC
LSK503	Panel key
768-9708	Panel isolator padlock

ATTENTION: Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards.

Group SCS reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Group SCS to be a complete and up-to-date description. For further information visit www.groupscs.co.uk