GROUP SCS

Smoke Shaft Control Panel.

EV-FCBD

The EV-FCBD is the main smoke shaft system control panel providing control and monitoring by interfacing to interface panels & devices. The panel houses the system controller, fan starter, a separate fan for daily vent mode and sub-distributes power supplies to the interface panels and network.

easivent

CONNECTED
The panel houses the system controller and dedicated duty/standby fan starters. Can be networked with multiple fan panels and available with BMS interfaces.

CONFIGURABLE
Variable speed control of the smoke fans which can be configured to operate for daily ventilation purposes.
Variants are available with separate environmental fan starters.

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

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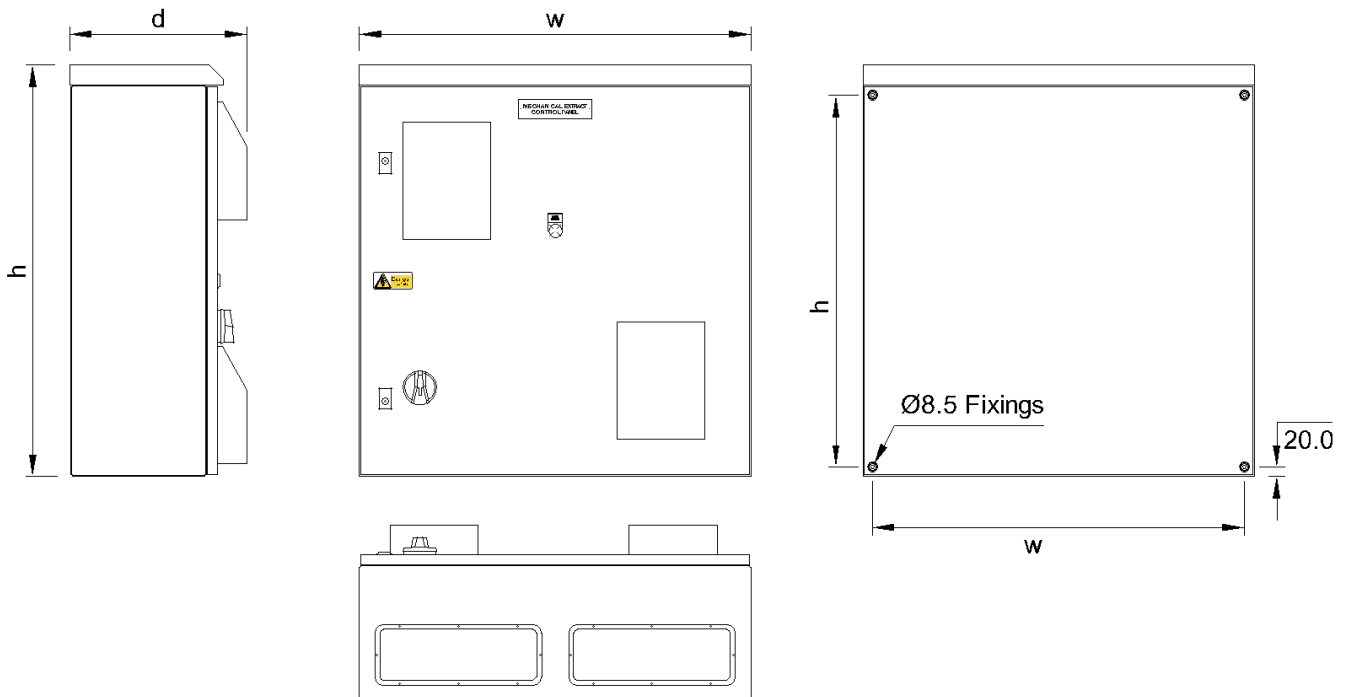prEN 12101-9
BS ISO 21927-9

MANUFACTURER
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KEY INFO / SPECIFICATIONS

BMS Interfaces	Volt-free contacts Optional Modbus & BACnet gateway available
Voltage Input	Single maintained 400V AC 3P&N (4 Wire)
Voltage Outputs	400V AC 3P supply for fans 230V AC 16A maintained supply for interface panels 24V DC 2.5A supply for sensors and fan dampers
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

MODEL SPECIFIC

Model	Max Current Load	Weight	Dimensions
EV-FCBD4	26A	72kg	H:842mm x W:800mm x D:360mm
EV-FCBD5.5	30A	85kg	H:842mm x W:1200mm x D:360mm
EV-FCBD7.5	33A	87kg	H:842mm x W:1200mm x D:360mm
EV-FCBD11	42A	96kg	H:842mm x W:1200mm x D:360mm
EV-FCBD15	50A	98kg	H:842mm x W:1200mm x D:360mm
EV-FCBD18.5	56A	125kg	H:1242mm x W:1000mm x D:360mm
EV-FCBD22	63A	128kg	H:1242mm x W:1000mm x D:360mm

TECHNICAL DRAWINGS

VARIATIONS

EV-FCBD SMOKE SHAFT CONTROL PANEL	
Model number	Variations
EV-FCBD4	4KW 10A, daily fan 1.5KW 4.1A
EV-FCBD5.5	5.5KW 13A, daily fan 1.5KW 4.1A
EV-FCBD7.5	7.5KW 16A, daily fan 3KW 7.2A
EV-FCBD11	11KW 24A, daily fan 3KW 7.2A
EV-FCBD15	15KW 32A, daily fan 3KW 7.2A
EV-FCBD18.5	18.5KW 37.5A, daily fan 4KW 10A
EV-FCBD22	22KW 44A, daily fan 4KW 10A

ACCESSORIES

Part number	Product name
EV-HMI7P-SS	Smoke Shaft Basic HMI panel, 7" Screen, 230VAC, Profibus, white
EV-ATSB	EV-ATSB Auto Transfer Switch
EV-301-MC	24V Smoke Ventilation 3A AOV Control Panel
EV-301-MC-P	24V Smoke Ventilation 3A AOV Control Panel with pressure sensor
EV-601-MC	24V Smoke Ventilation 6A AOV Control Panel
EV-BMS-SS	Modbus RTU and BACnet MSTP Gateway

SPARE PARTS

Part number	Product name
827-9510	Fan filter
ZBVM1	Lamp LED bulb
LSK503	Panel key
768-9708	Panel isolator padlock