

EV-301 Interface Panel.

EV-301 / EV-301-MC / EV-301-MC-BB

The interface panel monitors and controls smoke control ventilators and interface devices. Operates as a standalone AOV control panel, or as a linked basic natural shaft system, or as part of an addressable ventilation solution.



CUSTOMISABLE

Built-in BS EN 12101-10 compliant power supply and charger unit for optional battery back-up.

VERSATILE

Interfaces with smoke detectors, fire alarm interfaces, override switches and environmental sensors. With line monitoring of all critical input / output cabling for faults.

POWERFUL

Provides powered outputs for smoke vents / dampers and door actuators with a separate output for dedicated environmental ventilators.

CONFORMITY

UKCA & CE Marked to
BS EN 12101-10
BS ISO 21927-9
prEN 12101-9

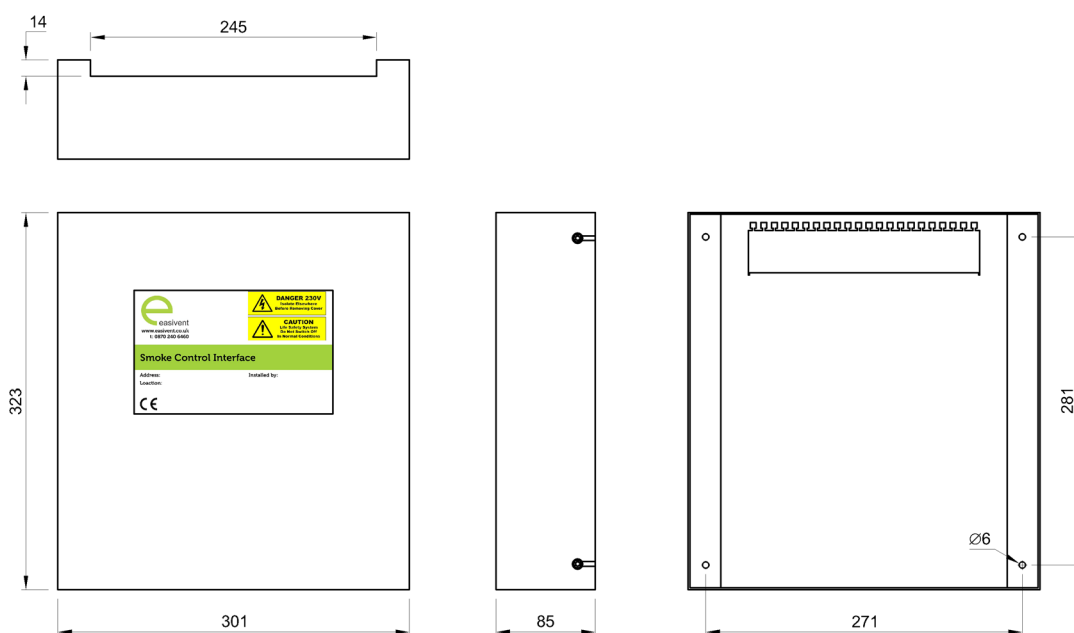
KEY INFO / SPECIFICATIONS

Cable Entries	Top rear
IP Rating	IP42
Max Current Load	Smoke vent output: 3.0A Back-up/ Daily vent output: 1.0A
Voltage Input	230VAC, 0.56A at full load, 30mA in standby
Voltage Output	Smoke vent - 24V DC reverse polarity Daily vent - 24V Power open/spring close
Operating Temperature	-5 to +40 °C ambient temperature
Finish	Metallic, powder-coated with white gloss finish
Weight	4.4kg (6.2kg with batteries)

SUITABLE FOR:



TECHNICAL DRAWINGS



VARIATIONS

Model Number	Description	Output
EV-301-MC	Smoke vent interface panel	24VDC 3.0A Output
EV-301-MC-BB	Smoke vent interface panel with Batteries	24VDC 3.0A Output

ACCESSORIES

Part number	Product name
EV-HE077	Override switch
EV-SD	Smoke detector
EV-ITH	Indoor thermostat
EV-RS	Rain sensor
EV-WRS	Wind and rain sensor
EV-HMI7B-SS	Basic HMI for central alarm indication

SPARE PARTS

Part number	Product name
EV-301	Replacement control board
EV-301/601-BATTERY	Battery pack with connector
EV-301/601-SPARES	Spares pack containing: 1 x supply fuse 1 x motor fuse 3 x EOL resistors 2 x motor EOL diodes

AVAILABLE AS PART OF AN ADDRESSABLE SYSTEM

EV-ITS	Indoor temperature sensor
EV-PS100-W	Stair Door Differential Pressure Sensor

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.

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