DATASHEET

EV-100 Damper Interface Panel.

EV-100-PC / EV-100-PC-HBV / EV-100-PC-OB

The EV-100 damper interface unit is a flexible and reliable controller for all types of smoke control and fire damper. The unit is suitable for spring return fire dampers or open drive closed smoke control dampers and can be used to monitor manual fire dampers.

KEY INFO / SPECIFICATIONS

	Interface Panel	Interface Panel and Hot Box
Cable Entries	8 no. M20, 1 no. M25/M32 knockouts	8 no. pre-drilled 6mm dia. max cables
IP Rating	IP66	IP55
Max Current Load	24V DC, 0.8A / 230V AC, 1.2A	24V DC, 0.8A / 230V AC, 1.2A
Voltage output	Standard - 24V DC, 0.8A Optional - 230V AC, 1.2A	Standard - 24V DC, 0.8A Optional - 230V AC, 1.2A
Voltage input	230V AC + 10% / -6%	230V AC + 10% / -6%
Operating temperature	-5 to +70 °C ambient temperature	Fire survival of 300°C for 90 minutes
Finish	ABS plastic, RAL 7035 light grey	FabBloc insulating material, RAL 9010 White
Dimensions	H:182mm x W:180mm x D:90mm	H:284mm x W:284mm x D:160mm
Weight	0.9Kg	5.6Kg (including panel)

MULTIPLE USE

The interface is used in conjunction with the EV-DCP-N to provide a complete damper control system or can accept a signal from a smoke detector or fire alarm interface unit for individual control.

POWERFUL

A compact unit, which provides powered outputs for all types of actuators including powered open/close, spring and modulating dampers with end switches and modulating position feedback.

EV-100-PC-HBV

The damper interface is available with an optional thermal enclosure providing a fire survival time of 300°C for 90 minutes, independently witnessed by Lloyd's Register.

CONFORMITY

CE Marked to low voltage and EMC directives

SUITABLE FOR:

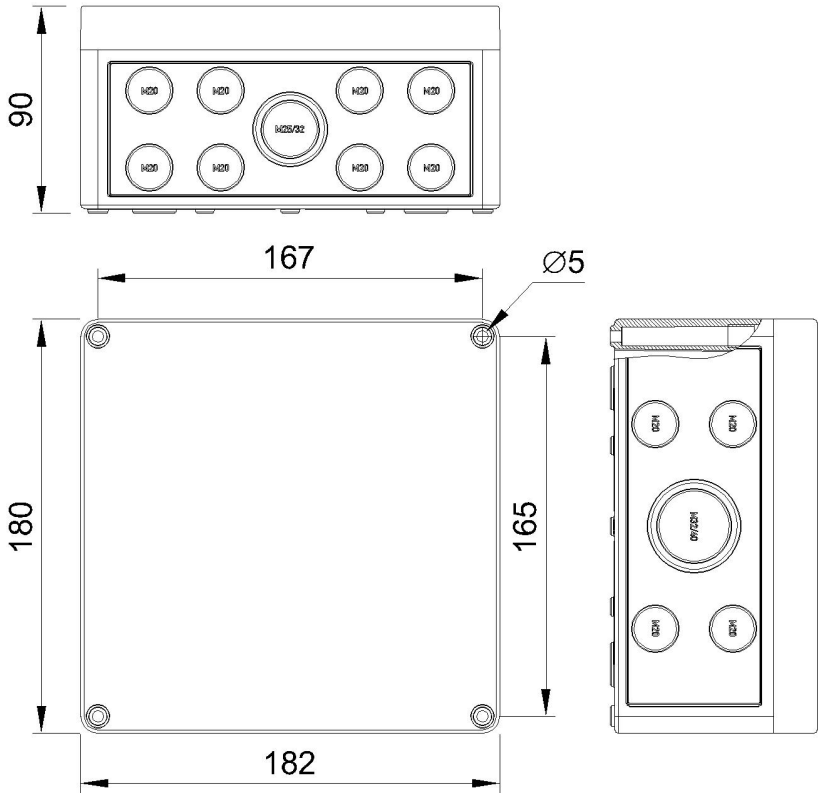
NATURAL VENTILATION

DAMPER CONTROL

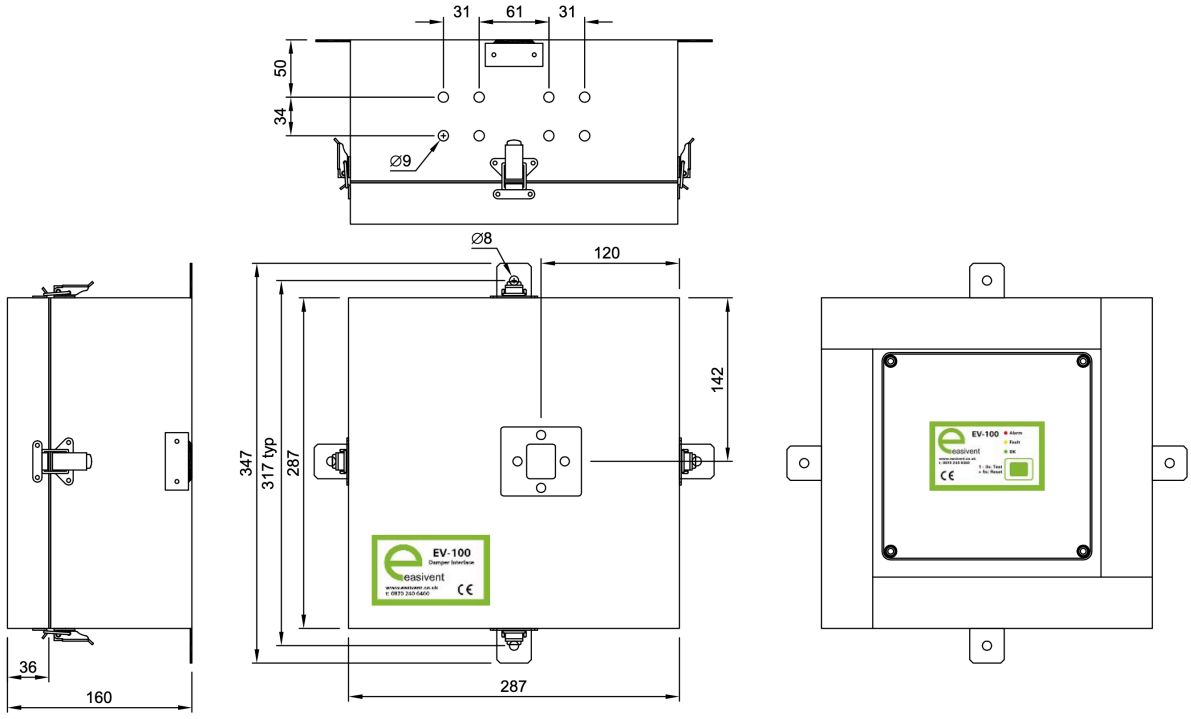
SMOKE CONTROL

TECHNICAL DRAWINGS

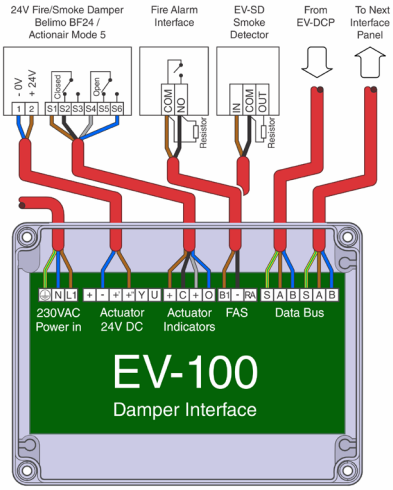
EV-100-PC

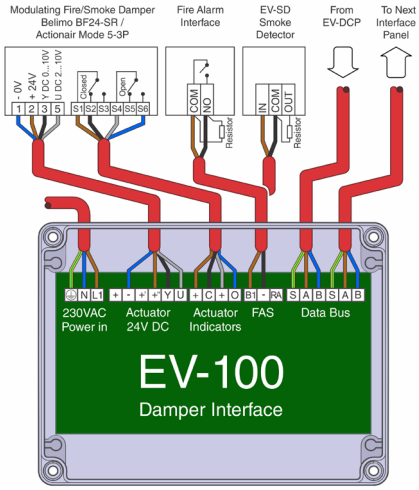


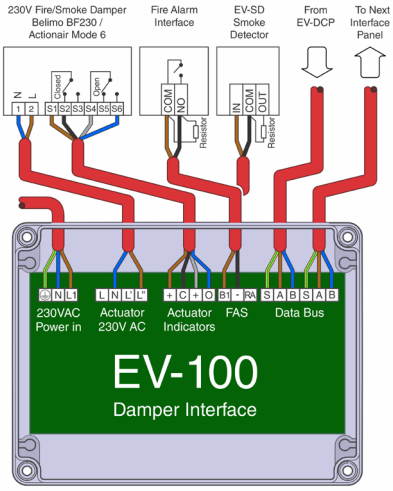
EV-100-PC-HBV

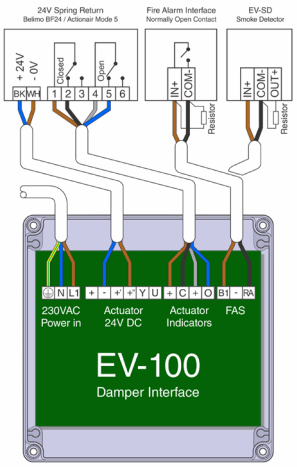


WIRING DIAGRAMS









VARIATIONS

EV-100 Damper Interface Panel	
EV-100-PC-HBV	Damper interface panel with hotbox, 24VDC, 1.0A Output
EV-100-PC-OB	Damper interface panel, 230VAC, 1.2A Ouput
EV-100-PC	Damper interface panel, 24VDC , 1.0A Output

ACCESSORIES

Part number	Product name
EV-100-OB	Damper interface panel 230V output module
EV-SD	Smoke detector

SPARE PARTS

Part number	Product name
EV-100	Replacement control board
EV-100-HB-V	Hotbox housing with viewing window

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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