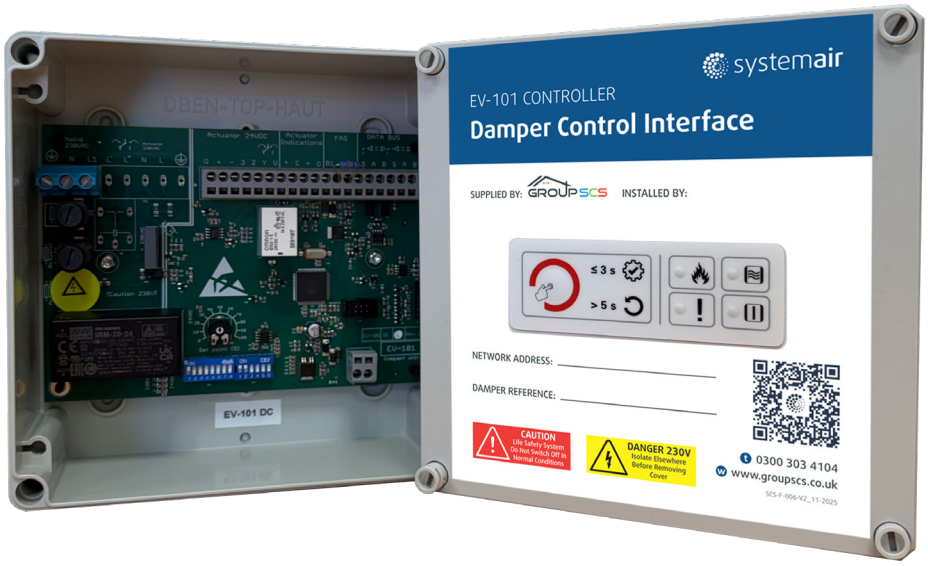
Damper Interface Panel

EV-101DC / EV-101DC-HBV

The EV-101DC is a dedicated fire and smoke damper interface panel that delivers reliable power and monitoring for all types of fail-safe and smoke control damper actuators. With built-in self-test functionality and clear status indicators, it simplifies maintenance and ensures dependable system performance.



KEY INFO / SPECIFICATIONS

	Interface Panel	Interface Panel and Hotbox
Cable Entries	8 no. M20, 1 no. M25/M32 knockouts	8 no. pre-drilled 6mm dia. ma cables
IP Rating	IP66	IP55
Voltage output	24V DC, 0.8A	24V DC, 0.8A
Voltage input	85-253V AC, 0.4A	85-253V AC, 0.4A
Back-up input	24V DC	24V DC
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)

VERSATILE

The compact panel is designed for flexibility. It can operate as a standalone unit, triggered directly by a smoke detector or fire alarm interface, or integrate seamlessly into an addressable system via EV-DCP-N damper control panel responding to a programmed cause & effect.

INTELLIGENT

Equipped with continuous monitoring, the panel tracks real-time damper position and status with clear visual indicators. The self-test function automatically exercises the damper to verify operation and identify faults.

HOTBOX

For applications requiring an extended survival time, the optional thermal 'hotbox' enclosure provides a fire survival time of 300°C for 90 minutes, independently witnessed by Lloyd's Register.

CONFORMITY

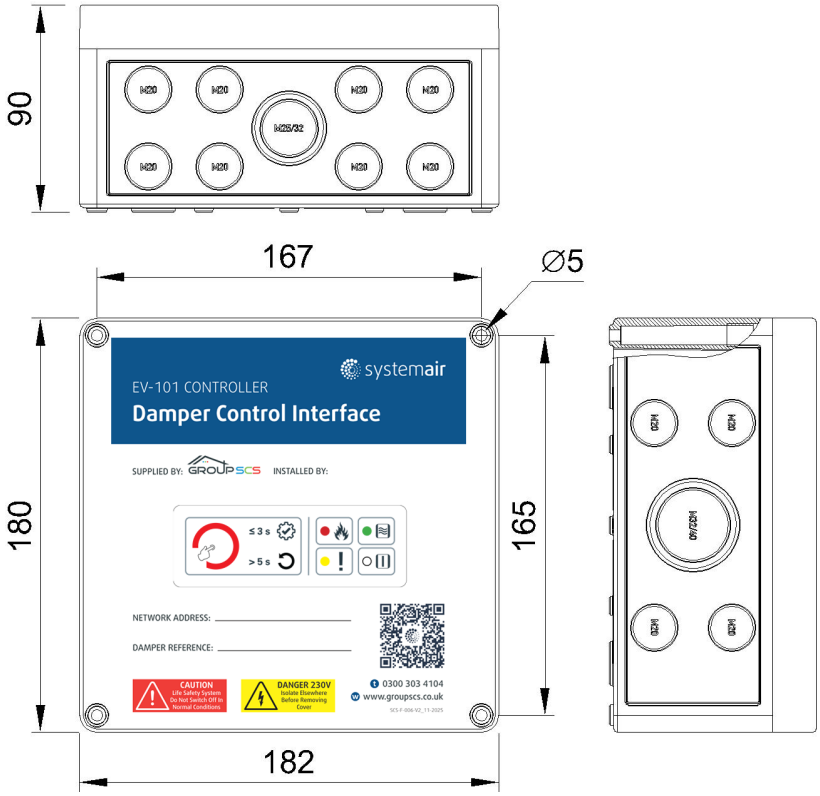
BS EN 12101-10
BS ISO 21927-9

SUITABLE FOR:

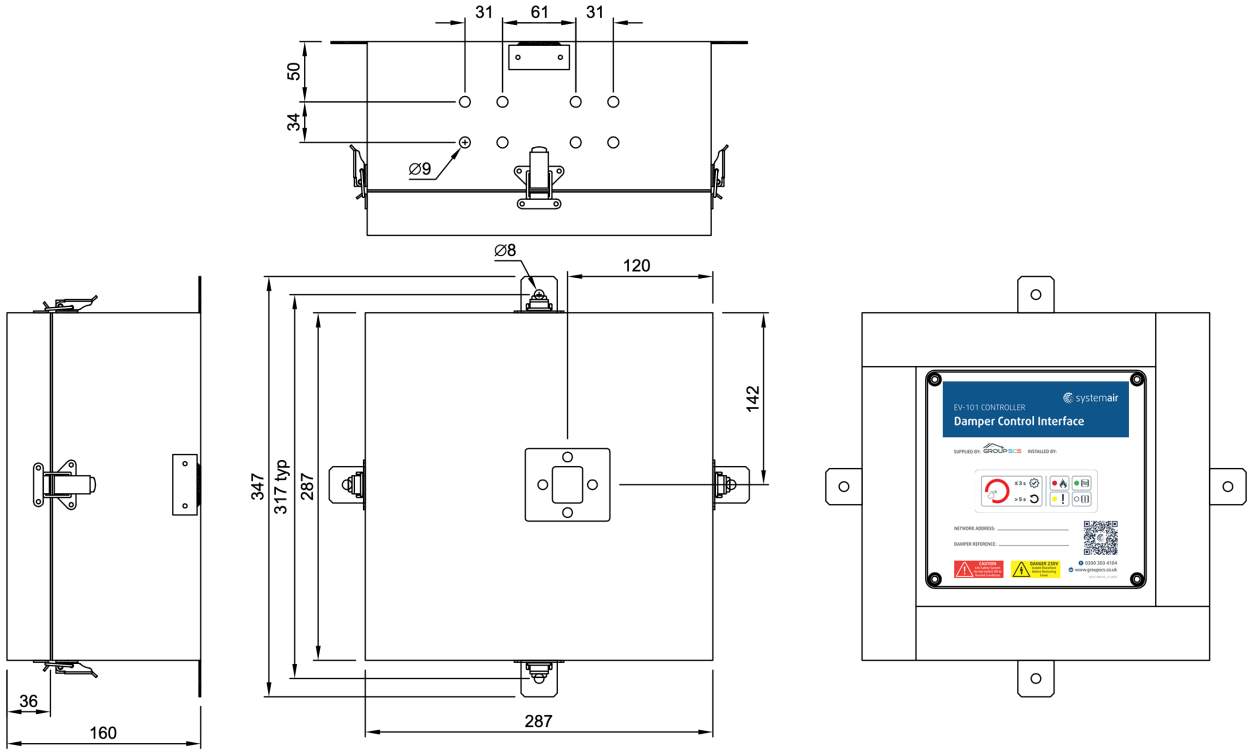
NATURAL VENTILATION
DAMPER CONTROL
SMOKE CONTROL

TECHNICAL DRAWINGS

EV-101DC



EV-101DC-HBV



VARIATIONS

EV-101DC DAMPER INTERFACE PANEL

Model Number	Description	Output
EV-101DC	Damper interface panel	24V DC Output
EV-101DC-HBV	Damper interface panel with hotbox	24V DC Output

ACCESSORIES

Part number	Product name
EV-SD	Smoke detector

SPARE PARTS

Part number	Product name
EV-101DC-PCB	Replacement control board
EV-100-HB-V	Hot box enclosure

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