OS2 SHEVTEC Controller

SE CONTROLS

Controllers / 24V dc

The OS2 SHEVTEC Controller is an intelligent 24V dc control system designed to drive 2-wire 24V dc actuators in a smoke control and/or environmental ventilation system.
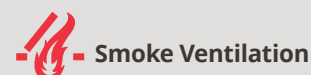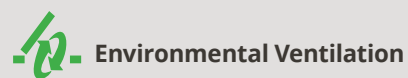
Operating from a 230V ac 5A supply, the OS2 SHEVTEC Controller can deliver up to 8A to drive 24V motorised actuators and magnetic catches. Battery backup is provided for continued operation after mains supply interruption.

The OS2 SHEVTEC Controller can be mounted locally to the devices to be operated or in a centralised location. Each SHEVTEC Controller can operate independently or can be linked to others to produce a networked control system. The networked control system in turn can operate standalone or be linked to a building management system.
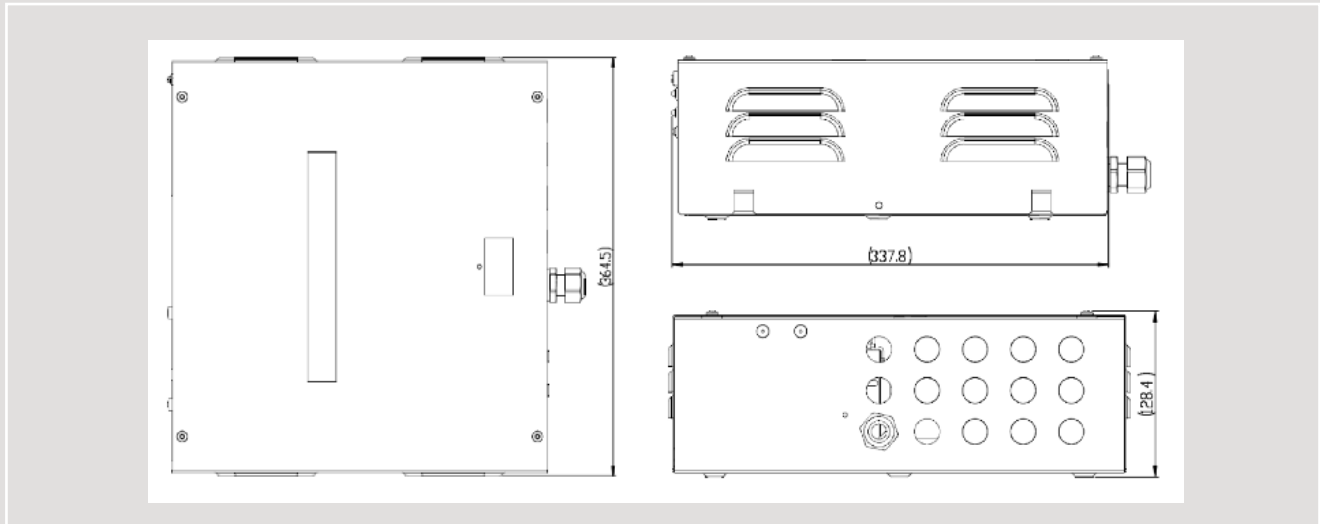
Conforms to the requirements of EN 12101-10

UKCA **MADE IN BRITAIN**

Applications

 Environmental Ventilation

 Smoke Ventilation

Technical Drawing

Power

- Supply 230V ac 50/60 Hz from a 5A fused unswitched spur
- Output nominal 24 Vdc 2-Channels, max 8A for 60 seconds. Peak current combined output can exceed 8A for a short duration
- Backup battery 2 x 12V dc 7.0Ah sealed lead-acid batteries (backup battery included)
- Battery standby time 72 hours with maximum 40mA standby drain on PER permanent*
- Expected battery life 3+ years @ 25°C
- Real time clock battery life is 10 years

Environment

- IP rating 30
- Humidity range 10 to 90% Non-condensing
- Storage -20 to +50°C
- Operating temperature -5 to 40°C**

Miscellaneous

- Dimensions 364.5 x 337.8 x 128.4mm
- Mass approx 13kg with batteries
- Cable entry is via 15 x 20mm end mounted cable glands and/or one rear entry slot for concealed connection
- Internal temperature sensor installed to provide optimal battery charging compensation as the ambient temperature changes

* Standby drain current comprises of enabled fire inputs, communication cards, and other loads connected to PER.

** Operation at elevated temperatures may reduce battery life.

Product Codes

OS2 SHEVTEC Controller
FCS12250000

Reset/Activation Key Product Codes

MCP Dumb Reset Key
FCS00200024
Activation Key - Open Only
FCS00200033

Tamper Proof Manual Control Point Product Codes

OS2 Tamperproof MCP Module & Adaptor Plate Assembly
FCS00200081
OS2 Tamperproof MCP Module Assembly
FCS00200037
OS2 MCP Adaptor Plate
FCS00200017

Standard Manual Control Point Product Codes

OS2 MCP Module & Adaptor Plate Assembly
FCS00200080
OS2 MCP Module Assembly
FCS00200016
OS2 MCP Adaptor Plate
FCS00200017