

# OS2 SHEVTEC Controller



## 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.

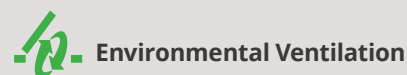
## Accreditations

Built and tested in accordance with the requirements of EN 12101-10:2005/AC:2007.

Certification may be provided on request.



## Applications

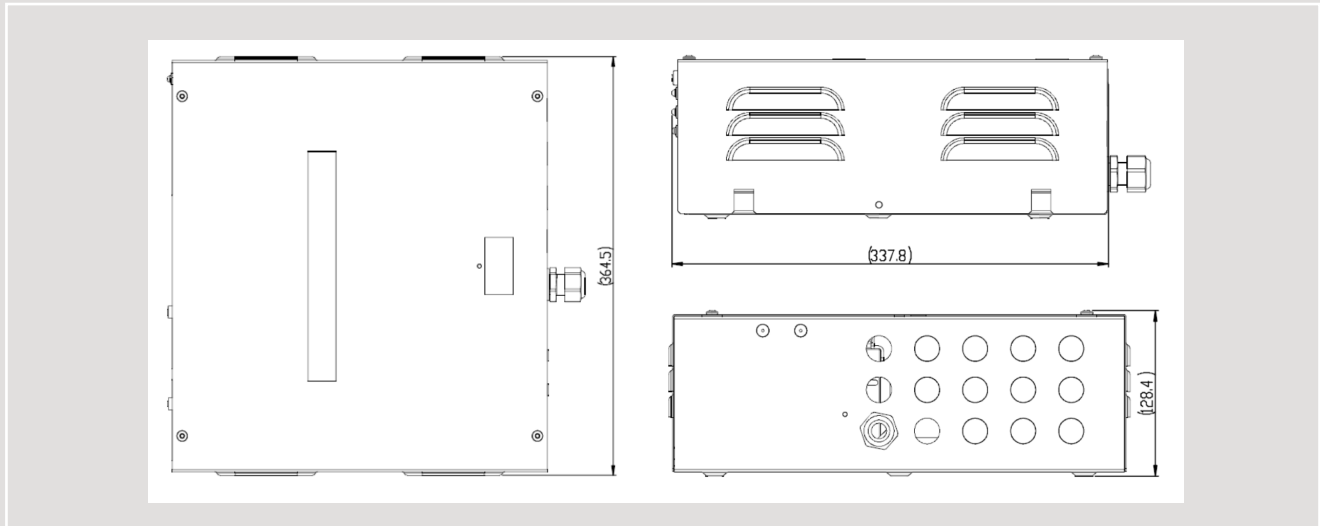


Environmental Ventilation



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