

OS2 SHEVTEC 1 Zone 16A Controller



Controllers / 24V dc

The OS2 SHEVTEC 1 Zone 16A Controller is a powerful 24V dc control system designed to drive 2-wire 24V dc actuators in a smoke control and/or environmental ventilation system.

The controller provides up to 16A of output power across a minimum of 2 radial circuits (up to a maximum of 4) with 1 control zone input.

Operating from a 230V ac 13A supply, the OS2 SHEVTEC 1 Zone 16A Controller can deliver up to 16A to drive 24V motorised actuators and magnetic catches. Battery backup is provided for continued operation after mains supply interruption (batteries not included)

OS2 SHEVTEC 1 Zone 16A Controller can be mounted locally to the devices to be operated or in a centralised location. Each OS2 SHEVTEC 1 Zone 16A 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.

This product may be specified to meet a specific application. Please contact our sales team to discuss your application.

Accreditations

Tested in accordance with
EN12101-10 & EN60950.



Applications

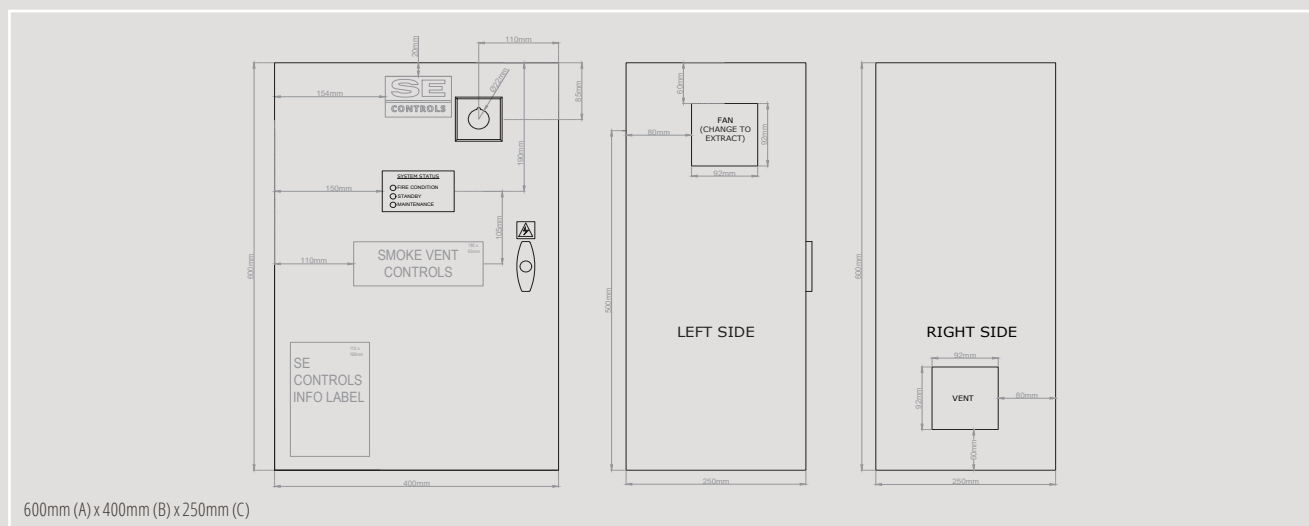


Environmental Ventilation



Smoke Ventilation

Technical Drawing



Power

- Supply 230V ac 50/60 Hz from a 13A supply
- Output nominal 24V dc multi-channel output not to exceed 8A per channel for 60 seconds. Peak current combined output can exceed 16A for a short duration
- Backup battery 4 x 12V dc 7Ah sealed lead-acid batteries (not 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 600 x 400 x 250mm
- Cable entry is via 32 x 20mm top mounted cable glands
- Internal temperature sensor installed to provide optimal battery charging compensation as the ambient temperature changes.
- LED Status Indicators and Mains Isolator

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

** Operation at elevated temperatures may reduce battery life.

*** 4 Required

Product Codes

1 Zone 16A SHEVTEC Controller

FCS12250101

12 Volt 7 AH Back Up Battery***

ABB00660015

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