OS2 SHEVTEC 1 Zone 16A Controller

SE CONTROLS

Controllers / 24 V dc

The OS2 SHEVTEC 1 Zone 16A Controller is a powerful 24V dc control system designed to drive 2-wire 24 V 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 230 V ac 13A supply, the OS2 SHEVTEC 1 Zone 16A Controller can deliver up to 16A to drive 24 V 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 specfic application. Please contact our sales team to discuss your application.

Tested in accordance with EN12101-10 & EN60950.

MADE IN BRITAIN
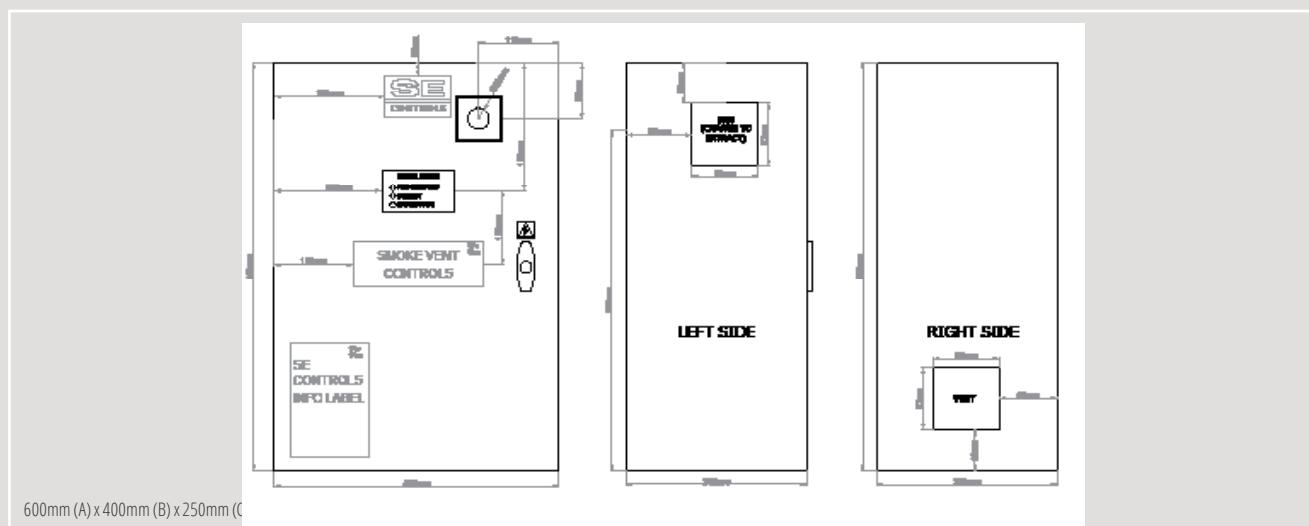
UKCA

Applications

Environmental Ventilation

Smoke Ventilation

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Technical Drawing

600mm (A) x 400mm (B) x 250mm (C)

Power

- Supply 230V ac 50/60 Hz from a 13A supply
- Output nominal 24 V 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 12 V 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 250 mm
- Cable entry is via 32 x 20 mm 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

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