

OS2 SHEVTEC Controller

Export Version



Controllers / 24 V dc

The OS2 SHEVTEC Controller is an intelligent 24 V dc control system designed to drive 2-wire 24 V dc actuators in a smoke control and / or an environmental ventilation system.

Operating from a 230 V ac 5A supply, the OS2 SHEVTEC Controller can deliver up to 8 A 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 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

Conforms to the requirements of EN12101-10



Applications

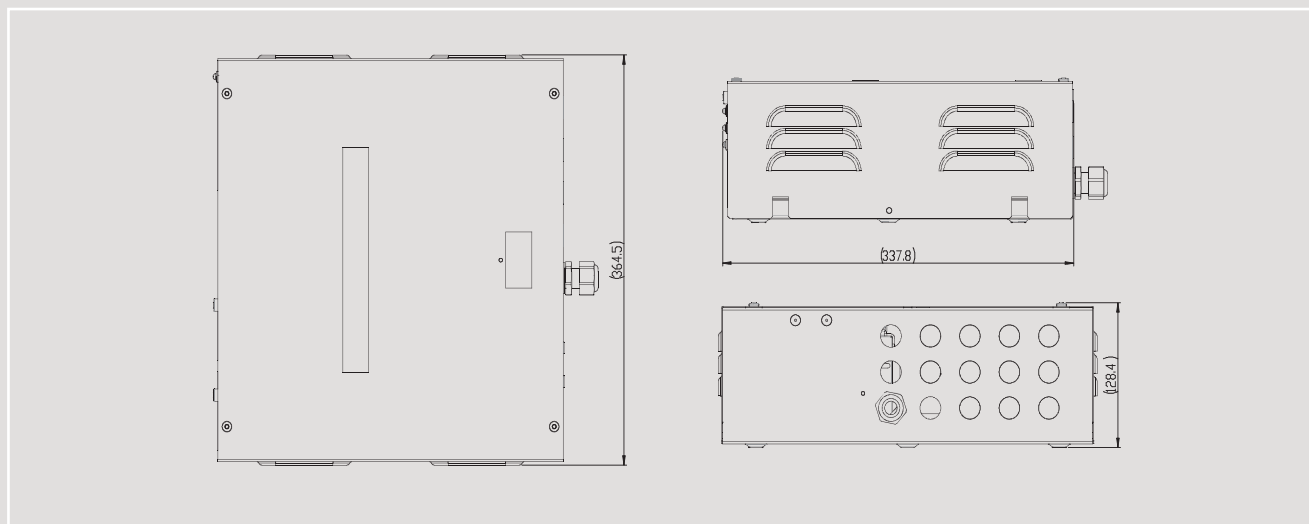


Environmental Ventilation



Smoke Ventilation

Technical Drawing



Power

- Supply 230 V ac 50/60 Hz from a 5A fused unswitched spur
- Output nominal 24 V dc 2-Channels, max 4A for 180 seconds. Peak current combined output can exceed 8A for a short duration.
- Backup battery 2 x 12 V dc 7.0Ah 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 364.5 x 337.8 x 128.4 mm
- Mass approx, (without batteries) 8.5 kg
- Cable entry is via 15 x 20 mm 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

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FCS12250010

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



To maintain EN12101-10 certification, the batteries must be model NP7-12 from the manufacturer Yuasa, which can be purchased worldwide.

To locate the distributor for your region, go to <https://www.yuasa.co.uk/>