

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 a mains supply failure.

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

Certified & tested in accordance with EN12101-10.



Applications

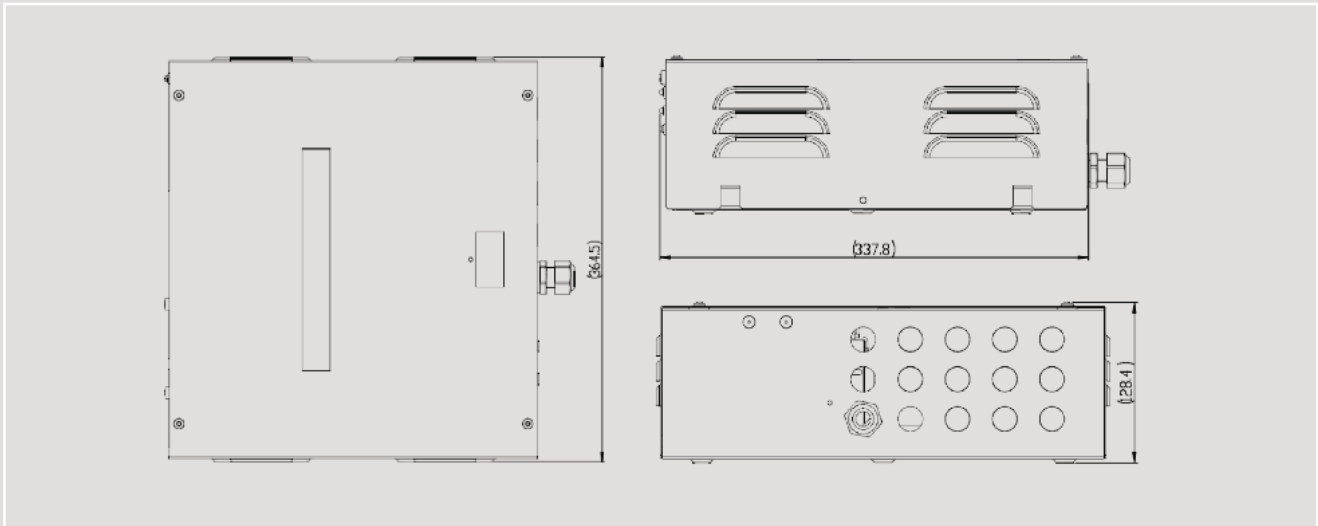


Environmental Ventilation



Smoke Ventilation

Technical Drawing



Power

- Supply 230V ac 50/60 Hz from a 5A fused unswitched spur
- Output nominal 24V dc 2-Channels combined output not to exceed 8A
- Backup battery 2 x 12V dc 7.0Ah sealed lead-acid batteries
- 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 for Control Panel (not including batteries) -5 to 40°C**

Miscellaneous

- Dimensions 364.5 x 337.8 x 128.4mm
- Mass approx 13kg
- 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.
- Networkable OS2 Shevtec Controller with monitored battery back-up and fire alarm / BMS interface. Conforms with EN 12101-10:2005 and to the requirements of EMC Directives 2014/30/EU and 2014/35/EU as amended.

* 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