

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 5.0A 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.

CONNECTIONS

	Fire Alarm System
	WINDOW CONTROL
	FOLLOWME
	OS LON
	OS LINK
	REPEATER
	BATTERY BACKUP
	0-10V BMS INPUT

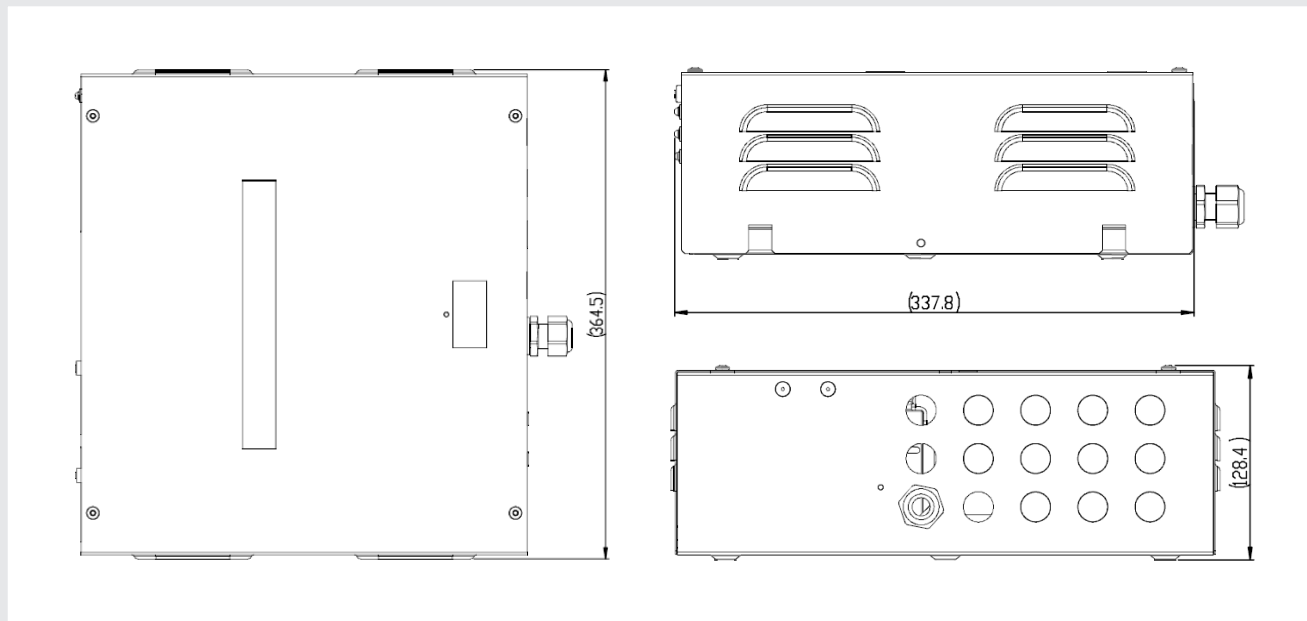
APPLICATIONS

Smoke Ventilation	Environmental Ventilation

ACCREDITATIONS

	Certified & tested in accordance with EN12101-10
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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

PRODUCT CODES

OS2 SHEVTEC Controller	FCS12250000
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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.

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

**Operation at elevated temperatures may reduce battery life.