

OS2 SHEVTEC 30A PSU Panel



CONTROLLERS / 24V dc

The OS2 SHEVTEC 30A PSU Panel is a powerful 24V dc control system designed to drive 2-wire 24V dc actuators in a smoke control and/or environmental ventilation system.

Operating from a 110/230V ac supply, the OS2 SHEVTEC 30A PSU Panel can deliver 30 Amps to drive 24 Volt motorised actuators and magnetic catches.

OS2 SHEVTEC 30A PSU Panel can be mounted in a centralised location. Each 30A SHEVTEC Panel 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.

The panel is also available in 60A/90A/120A/150A and multi-zone versions.

COMPONENTS



OS2 SHEVTEC 30A PSU PANEL

APPLICATIONS



Smoke Ventilation



Environmental Ventilation

ACCREDITATIONS

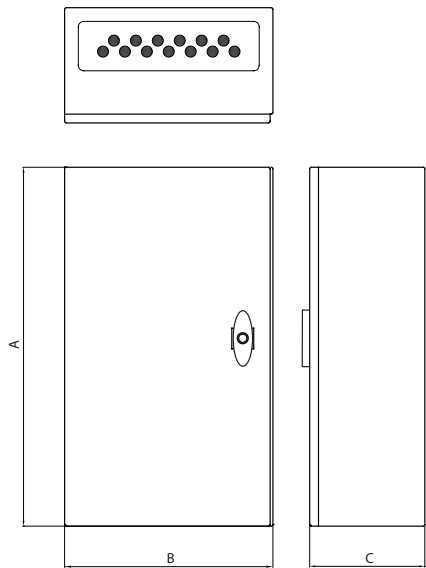


Certified & tested in accordance with EN12101-10 & EN60950

OS2 SHEVTEC 30A PSU PANEL

30AMP PANEL FOR USE WITH OS2

TECHNICAL DRAWING



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

POWER

- Supply 230V ac 50/60 Hz from a 13A supply
- Output nominal 24V dc 4-Channels output not to exceed 8A per channel
- Backup battery 2 x 12V dc 22.0Ah sealed lead-acid batteries
- Battery standby time 72 hours with maximum 100mA 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 600 x 400 x 250mm
- Mass approx with batteries 33.4kg, without batteries 20.2kg
- 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.

*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

30A Panel with battery back up	FCS12000030
30A Panel without battery back up	FCS12000031