

OS2 PSU 60A/90A/120A



Controllers / 24V dc

The OS2 SHEVTEC 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.

This range of panels provide a flexible solution offering various configurations of output power and control zone inputs.

Operating from a 230V ac supply, the OS2 SHEVTEC PSU Panel can deliver various current outputs to drive 24 Volt motorised actuators and magnetic catches.

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


Accreditations

Certified & tested in accordance with EN12101-10.

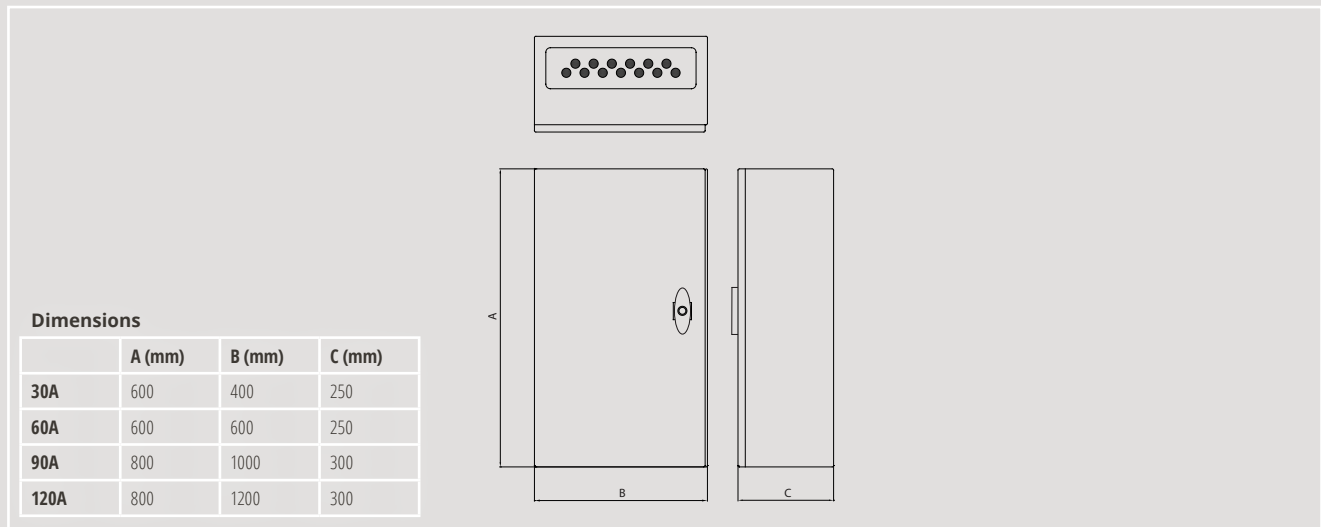


Applications

 Environmental Ventilation

 Smoke Ventilation

Technical Drawing



Power

- Supply 230V ac 50/60 Hz from a dedicated compliant supply
- Output nominal 24V dc multi-channel output not to exceed 15A per channel, but total output across all channels may not exceed 30A.
- Alternate output 24V dc 2 - channels output not to exceed 15A per channel
- Backup battery 2 x 12V dc 22.0Ah sealed lead-acid batteries per 30A output
- 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

- 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

1 Zone 60A PSU Panel
FCS12001560
1 Zone 90A PSU Panel
FCS12001590
1 Zone 120A PSU Panel
FCS12015120