

SHEVTEC 30A PSU Panel



Controllers / 24V dc

The 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 SHEVTEC 30A PSU Panel can deliver 30 Amps to drive 24 Volt motorised actuators and magnetic catches.

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.


Accreditations

Certified & tested in accordance with EN12101-10 & EN60950.

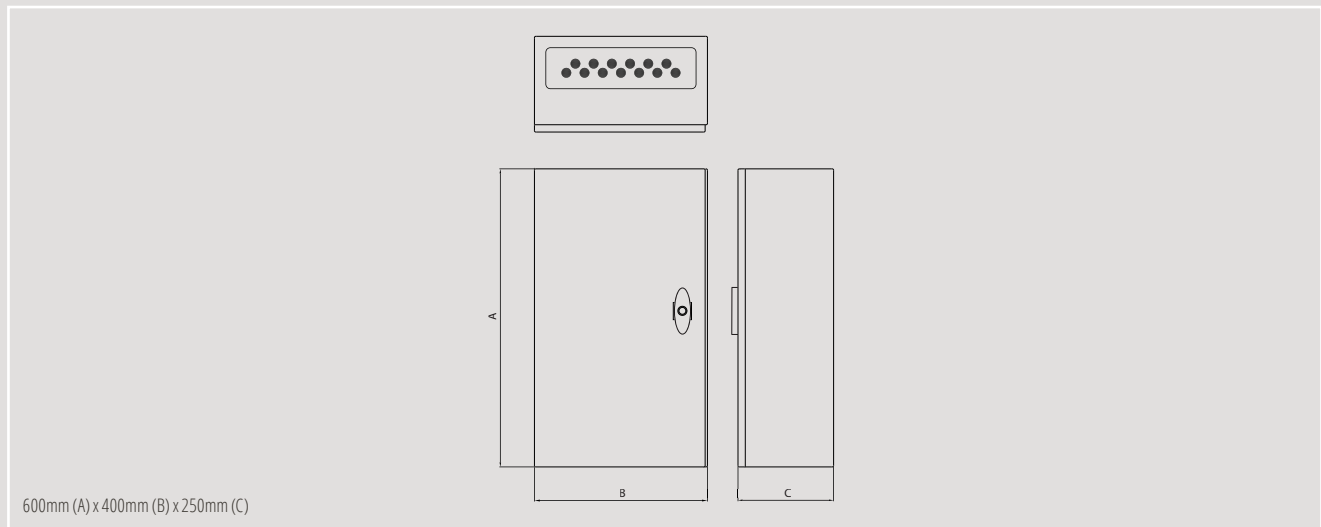


Applications

 Environmental Ventilation

 Smoke Ventilation

Technical Drawing



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