

Fan Control Panel



Controllers / 415V 3Ph/ 50Hz

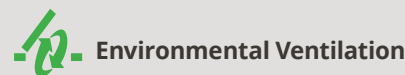
The Fan Control Panel has the following features:

- Industrial PLC logic driven system
- Duty fan and standby fan control
- Multiple fan speed control via industrial inverter enabling fire fighting and/or means of escape operational mode
- External fire fighters key switch control (auto/off, auto/boost)
- Simple hard wired activation or more involved network signal activation
- Multiple panels can be networked together creating highly specialised multiple fan operation for multiple shafts
- Reversible fan operation if required for twin shaft/triple shaft push/pull systems
- Pressure sensor monitoring to prevent excessive negative pressure in the activated zone
- Ability to utilise duty/standby fans as NV fans for day to day operation
- Ability to power additional single phase or three phase NV fans
- Ductwork damper(s) control
- System state indication on panel face via LED's
- Activation/healthy vfc's for BMS monitoring
- Fan panel status can be viewed via associated SHEVTEC repeater panel

Accreditations



Applications

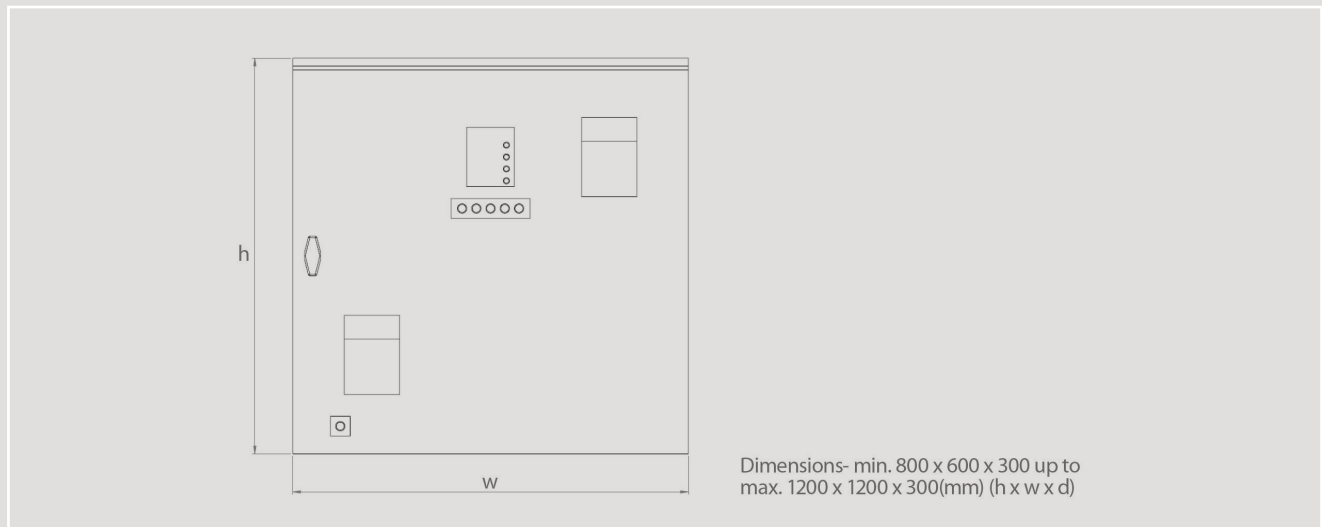


Environmental Ventilation



Smoke Ventilation

Technical Drawing



Power

- Class 1
- Single 415V 3Ph/50Hz from external ACOPS unit or primary and secondary 415V 3Ph 50Hz supplies into internally fitted ACOPS unit
- Four pole isolating switch on panel face for service requirement
- Current rating up to 60A, current draw between 1 to 60A depending on either quiescent state or system activated state and associated fan FLC

Product Codes

Fan Control Panel

FCS0025XXXX

Environment

- IP rating 54 (can be externally mounted with IP rating of 55)
- Internal or external panel fitting option
- Humidity 10 to 90% non-condensing
- Storage -20 to +75°C
- Operating temperature 0 to 35°C (internally climate controlled via internal cooling fan and/or enclosure heater)
- Fully weatherproofed where required

Miscellaneous

Note: The below are all dependant on a variety of factors, including, but not limited to, system specification, inverter size, ACOPS requirements, additional NV fan control and panel location.

- Weight from 50kg up to 150kg
- Top/bottom cable entry dependant on panel location