

## QE FIRE MODE-SPVS

### Control and command electrical panel for the SPVS system



#### DESCRIPTION

The panel consists of the control and command devices for the fans and the safety PLC, which receives the fire alarm from an external system. This allows the Stairwell Pressurization System to be activated autonomously based on the pressure gradients read by the pressure sensors installed in the stairwell. The panel is assembled, tested, and programmed in the workshop, with remote assistance available for programming and technical support to the installer.

#### TECHNICAL FEATURES

- Standard painted steel construction
- Power supply: 3 ~ 50/60 Hz 400V  $\pm$  10%
- 230-24Vdc power supply - EN 12101-10 with batteries
- SIL3 PLC for SPVS system control and management
- Low voltage inputs and control circuits
- Normally open input for SPVS system start command (Fire Alarm in the stairwell)
- Network failure contact - System started contact - System fault contact
- Auxiliary and motor protection with fuses
- Contactors for starting Motors and/or inverters
- Main door lock switch
- IP54/64 metal enclosure
- Ambient temperature: -5/+40 °C
- Prepared for remote assistance and scheduled maintenance
- Standard dimensions: 1000\*800\*400 mm