

SHEVTEC Repeater Panel



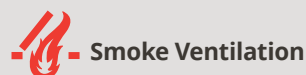
Features

The modular SHEVTEC Repeater Panel has been designed to provide system status information for each vent within a smoke ventilation system. The SHEVTEC Repeater Panel would typically be located near the fire service access entrance of the building to provide system indication.

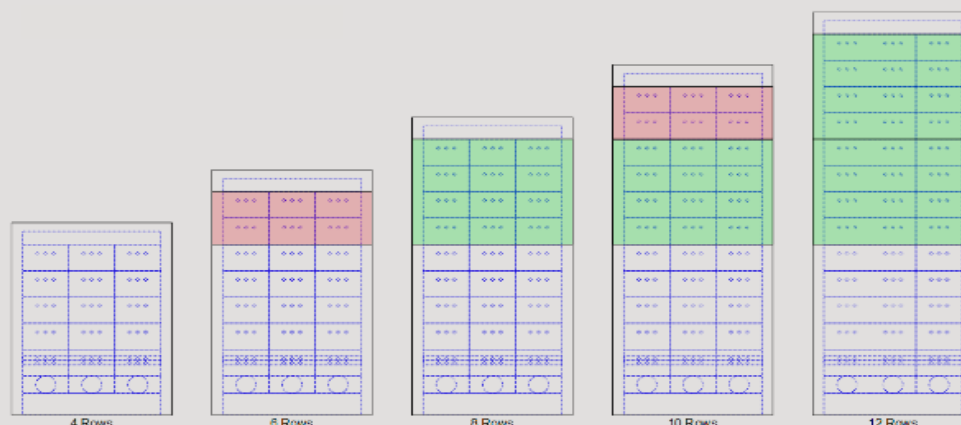
Whilst this product is not required under Approved Document B, SE Controls can include this product within the specification to provide system status information in the event of a fire or for system maintenance.



Application



Technical Drawing



The AutoCAD drawing for this product can be found at www.secontrols.com

Technical Data

The basic SHEVTEC Repeater Panel provides four rows by three columns of zone indication, status indicators and three touch buttons. The standard maximum length is 12 rows.

	Width	Height
4 Rows	164 mm	224 mm
6 Rows	164 mm	284 mm
8 Rows	164 mm	344 mm
10 Rows	164 mm	404 mm
12 Rows	164 mm	464 mm



The primary use of a repeater panel is to visually indicate the status of an SE Controls smoke ventilation system (OSLink/OSLoop).

The image shows zone 1 on a typical SE Controls smoke ventilation system.

What this displays is 3 LED's to show if this zone is Healthy, Active, or in Maintenance.

But there are also other options available see table opposite.

Product	SHEVTEC Repeater Panel
Size	164 mm x (H dependent of specification) x 24 mm (WxHxD)
Input Voltage	18-30 V dc
Maximum Input Current	100mA
Typical Input Current	20mA
Environmental Temperature	0°C to 60°C (Electronics)
Humidity	Non - Condensing
Environmental Protection	IP40
Panel Status	Battery Fault Mains Power Fault Communications Fault Service Due Maintenance Rain Sensor
Interactive Touch Button	Sounder Silence Lamp Test
Status information configurations	Green = Healthy
Zone Indication	Green Flash = Needs Reset Red = Activated Red Flash = Not Closed Yellow = Fault

Option for LED	LED Function
Service Due	LED lit when service timer has expired
Mains Fail	LED lit when no mains power is present
Battery Fail	LED lit when batteries are not present or too low
Any Fault	LED lit when any fault is present on the system
Comms Fault	LED lit when a OSLink fault is present on the system
Maintenance	LED lit when the system is in 'Maintenance mode'
Rain Sensor	LED lit when the system is closed and lock out in rain

Product	Number of Rows	Part Number
SHEVTEC Repeater Panel	4	FCS00700001
	6	FCS00700002
	8	FCS00700003
	10	FCS00700004
	12	FCS00700005