

# SHEVTEC Repeater Panel



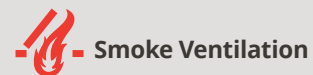
## Features

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



## 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
<b>4 Rows</b>	164 mm	224 mm
<b>6 Rows</b>	164 mm	284 mm
<b>8 Rows</b>	164 mm	344 mm
<b>10 Rows</b>	164 mm	404 mm
<b>12 Rows</b>	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.

<b>Product</b>	SHEVTEC Repeater Panel
<b>Size</b>	164 mm x (H dependent of specification) x 24 mm (WxHxD)
<b>Input Voltage</b>	18-30 V dc
<b>Maximum Input Current</b>	100mA
<b>Typical Input Current</b>	20mA
<b>Environmental Temperature</b>	0°C to 60°C (Electronics)
<b>Humidity</b>	Non - Condensing
<b>Environmental Protection</b>	IP20
<b>Panel Status</b>	Battery Fault Mains Power Fault Communications Fault Service Due Maintenance Rain Sensor
<b>Interactive Touch Button</b>	Sounder Silence Lamp Test
<b>Status information configurations Zone Indication</b>	Green = Healthy 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