

# VENTCROFT FIRETRAX™

Professional Range



The Firetrax VFT-P range of 1,2,4,6 and 8 Zone Fire Panels are designed to Comply with EN54: pt2&4: 1997 and BS5839:2002. This 24V conventional technology range is active End of Line compatible and is supplied complete with Active end of Line monitoring for all zones.

The VFT-P range is competitively priced, it utilises a single 12V 7Ahr SLA battery and employs bespoke circuitry to generate the 24V backup supply for detector zones and fire sounder circuits.



## Features

- 1, 2, 4, 6 & 8 Zone Fire Panel Options
- Easy to Operate
- Full LED Indication
- Complies to EN54: pt2&4: 1997
- Installation Friendly, PCB Cassette
- Suitable for Installation to BS5839:2002
- One Man Walk Test
- 2 Sounder Circuits
- Strong Steel Back Box



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... Protecting People



A steel back box with plenty of 20mm break outs makes installation simple, and to make installation even easier the electronics are housed in polycarbonate cassette that can be easily removed to fit the back box to the wall, and when re-fitted can be slid down to provide plenty of space and make zone termination a dream.

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- Zone Isolation
- Earth Fault Isolation

### specification

#### Power Supply

Mains Voltage	230V 50/60Hz Nominal 195V 50/60Hz (min) 253V 50/60Hz (max)
Mains Rated Current	370mA maximum
Quiescent Watts	1.6 watts
Maximum Watts	70 watts
Output Voltage	24V / 28V
Output current	2.5A (max)
Power Supply and Batteries Monitored for disconnection and failure	Yes (Temperature compensated battery charger)
Deep discharge protection for batteries	Yes (approx 10.5V)
No. of batteries required	1 x 12V RSLA
Battery Compartment size (mm)	70 x 100 x 300

#### Detector Zones

Number Of zones	1,2,4,6 or 8 (Model Dependant)
Maximum Cable Run	1000 metres
Line Monitored	Open, Short and Head Removal
Maximum cable capacitance	2µF
Zone Shutdown during short	Yes
Maximum Cable Impedance (Each conductor)	20Ω
Call Point resistor values	470Ω or 680Ω
Maximum Number of Detectors (Based on 100µA per detector)	30 per zone
Maximum combined number of Manual call points and detectors	32 per zone

#### Sounder Circuits

Number of Circuits	2
Each sounder Line Monitored	Open and Short circuit (in both quiescent and alarm condition)
End Of line Resistor Value	6K8Ω 5%
Alarm Voltage	24V / 28V
Circuit Protection	500mA Polyfuses
Maximum Sounder output Current	2 x 500mA = 1 Amp
Maximum Number of Bells	40 @ 25mA per zone
Maximum number of Electronic sirens (Polarised)	50 @ 20mA > 300 @ 3mA per zone

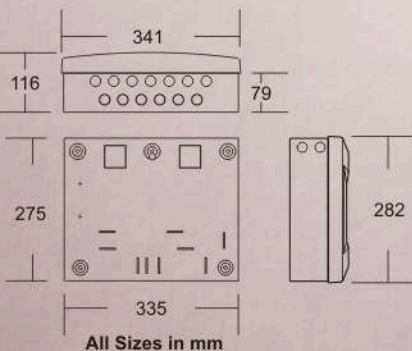
#### Auxiliary Outputs

Fault Relay	Volt free contacts (N/C, C, N/O) 1A @ 24V (Selectable as a fire relay)
Fire Output (Monitored)	100mA @ 28V Polyfused
24V Aux supply	500mA @ 28V Polyfused

#### Auxiliary Inputs

Class Change	0V trigger (Non-latching)
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### dimensions



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2 YEARS WARRANTY