

VENTCROFT **FIRETRAX**[®]

'PROFESSIONAL'



The Firetrax VFT-P range of 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

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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A steel back box with plenty of 20mm knockouts 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.

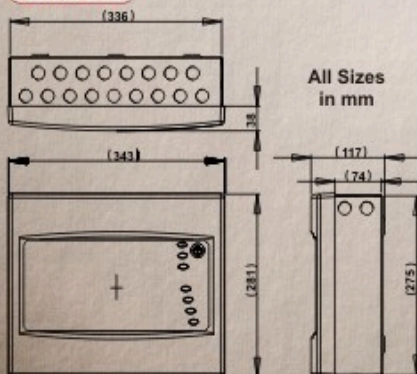
Features

- 2, 4, 6 & 8 Zone Fire Panel Options
- Easy to Operate
- Full LED Indication
- Complies to EN54:-2-4:1997
- Installation Friendly, PCB Cassette
- Suitable for Installation to BS5839:2002
- Dual Keypad / Keyswitch Operation
- One Man Walk Test
- 2 Sounder Circuits
- Strong Steel Back Box
- Zone Isolation
- Earth Fault Isolation



Convenient knockouts for cable entry provided on every side

dimensions



Specification

Power Supply

Mains Voltage	230V 50/60Hz Nominal 195.5 50/60Hz (min) 265V 50/60Hz (max)
Mains Rated Current	300mA 260mA (Max)
Maximum Watts	60watts
Output Voltage	28V/24V
Output current	1.5A (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 VRLA
Battery Compartment size (mm)	70 x 100 x 300 (equivalent to 2 x 7Ahr batteries)

Detector Circuits

Number Of Circuits	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 100ΩA per detector)	30
Maximum combined number of Manual call points and detectors	32

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	28/24V, 21V minimum (final battery cut off voltage)
Circuit Protection	500mA Polyfuses
Maximum Sounder output Current	2 x 500mA = 1 Amp
Maximum No. of Bells	40 @ 25mA
Maximum No. of Electronic sirens (Polarised)	50@ 20mA > 250@ 3mA

Auxiliary Outputs

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

Auxiliary Inputs

Class Change	0V trigger (Non-latching)
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