



Description

The Mircom FA-1025T panel is designed for non-coded fire alarm systems in small commercial, institutional and industrial occupancies. A slim-line design and a neutral beige exterior colour offers an unobtrusive appearance to complement any interior.

The FA-1025T includes one circuit board providing all the essentials for a complete fire alarm system. Five Class 'B' initiating circuits and two Class 'B' indicating circuits (1.7 Amps each) are provided by the FA-1025T. The indicating circuits are protected from shorts by a self-restoring circuitry.

The FA-1025T is equipped with supervision for ground fault detection, battery low level or open wire fault, initiating and indicating circuit wiring faults and loss of A.C. power. The initiating circuits are supervised for opens and power and the indicating circuits are supervised for opens, shorts and ground faults. The FA-1025T has LED indicators for Zone Alarm, Zone Trouble, A.C. On, Battery Fault, Ground Fault, Common Trouble, Signal Trouble and Signal Silenced and switches for Zone Disconnect/Silence, Buzzer Silence and Reset.

Features

- Five Class 'B' initiating circuits
- Two Class 'B' indicating circuits (1.7 Amps each)
- Individual Zone Silence/Disconnect switches
- Audible tones are DIP Switch selectable for Steady and Temporal Code
- Powerful 3 mA capacity per zone for 2-wire smoke detectors
- Common alarm Relay contact, Form C, 28 VDC @ 3 AMP (Resistive)
- Selectable 'N.O.' or 'N.C.' common trouble contact 28 VDC @ 3 Amp(Resistive)
- A.C. ON LED (Green)
- Zone Alarm LED (Amber)
- Signal Trouble LED (Amber)
- Ground Fault LED (Amber)
- Battery Fault LED (Amber)
- Alarm Silenced LED (Amber)
- Common Trouble LED & Silence switch
- Remote Trouble Indicator output
- Remote A.C. On output
- Selectable 1 minute Signal silence inhibit
- Extensive Transient Protection on all circuits
- Neutral Beige exterior colour
- Annunciator Outputs available
- All circuits are power limited

The FA-1025T has selectable audible tones which can be configured via DIP switches for Steady and Temporal Code.

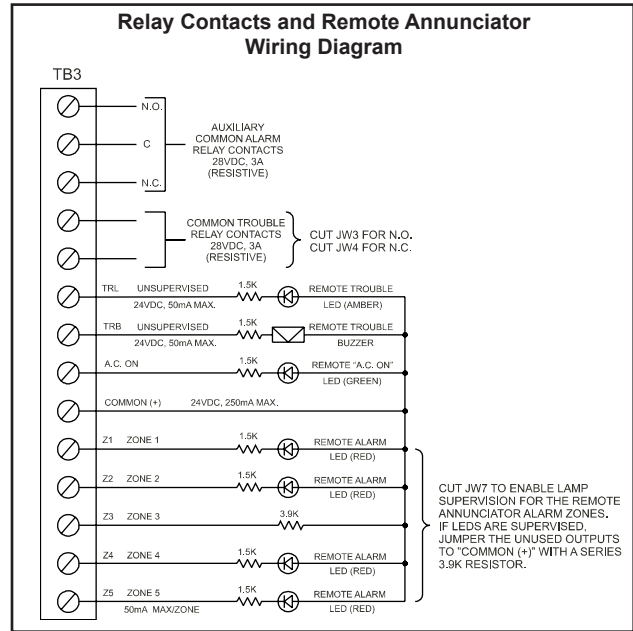
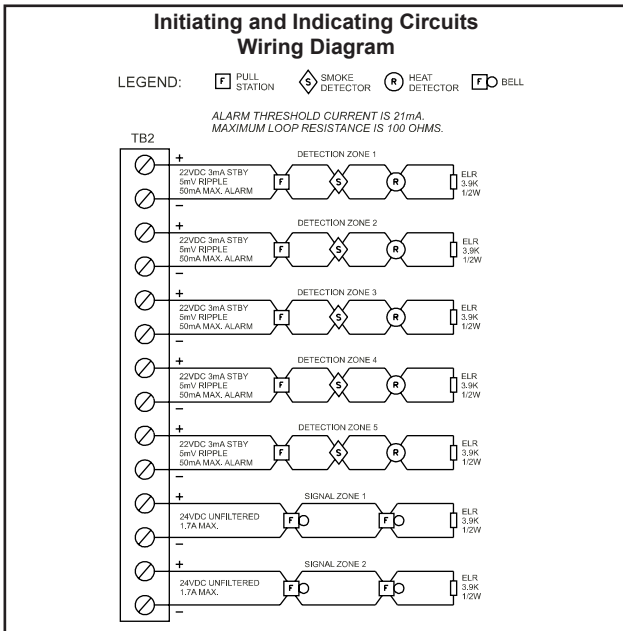
The panel also includes a common alarm relay which is configurable (via jumper) to follow the signal circuit or lock on until the Alarm has been reset.

Annunciation outputs are provided for alarm, remote trouble indicator and buzzer. Lamp supervision is jumper selectable.

The cabinet is available in a beige colour and the Fire Retardant Lexan Window in the hinged door allows for viewing of the status LEDs. It comes with a durable CAT-30 lock and key. Space is provided for 4 to 6.5 AH batteries.



Wiring Diagrams



Technical Specifications

Initiating Circuits

Output Voltage	22 VDC, filtered and regulated.
Current Limited	50 mA
Supervisory Current	3 mA (up to 30, 2-wire smoke detectors @ 100 uA each)
Loop Resistance	100 ohms, max
End of Line Resistor	3.9Kohm ± 5%, 1/2W

Indicating Circuits

Output Voltage	24 VDC
Output Current	3.4A Total Current (1.7A ea x 2)
End of Line Resistor	3.9Kohm ± 5%, 1/2W
Auxiliary Contacts	28 VDC, 3A (Resistive)
Dimensions	13.7"(347mm)W x 12.7"(322mm)H x 2.8"(71mm)D

Ordering Information

Model

FA-1025T
FA-1025T-RED
RTI-1
FA-102TR

Description

Five Zone Fire Alarm Unit, White Door
Five Zone Fire Alarm Unit, Red Door
Remote Trouble indicator, mounts onto a single gang electrical box
Flush Mounting Trim Ring

NOT TO BE USED FOR INSTALLATION PURPOSES.



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CAT. 5006
Rev. 6