

16 ZONE CONVENTIONAL FIRE ALARM PANEL

Model No.: BT-FAP16

Product Overview:

BT-FAP16 is a right blend of affordable design and quality with latest technology for fire alarm control panels. This microprocessor based Conventional Fire Alarm Control panel, is designed to be used for small size commercial buildings and small scale industries. BT-FAP16 model is a user friendly 16 zone standalone control panel.

Special Features:

1. Powder Coated Cabinet.
2. Modular Constructions, Serviceable.
3. Surface Mount Technology.
4. Battery polarity & deep discharge protection.
5. Fuse Protection for AC 230V, Battery, Motherboard.

Features:

- As per IS -2189 Standard.
- 16 X 2 Dot Matrix LCD Display.
- Auto Dialer Atachable facility
- Standby battery backup with built in charging.
- Zone wise Fire / Fault status in colour LED indication.
- Tactile Keypad for easy panel operation.
- System ON indication.
- Main, Standby status indication.
- Low Battery visual warning.
- Relay output for actuators, for Fire and Fault.
- Lamp Test facility.
- Manual Test Facility for sounder.
- Zone wise Isolation facility with loop voltage cut off.
- Compatible to all type of Conventional Detectors.
- Common Hooter Facility.
- Power Supply Suitable for 12 Hooter per panel.
- Additional 12V DC and 24V DC output to operate autodialer and other compatible devices



Technical Specifications:

Primary Power:-

120 / 220VAC + 10% -15%, 60 / 50 Hz. 40W

Stand by Power: -

24VDC (2 Nos of 12V, 7Ah Sealed Lead acid battery).

Quiescent current: 55mA

Common Relays: -

Type	: Contact Form 1C
No of Relays	: 4
Relay Contact Rating	: 10Amps @ 28 VDC
	: 10Amps @125VAC.
Power Factor Rating	: 1.0



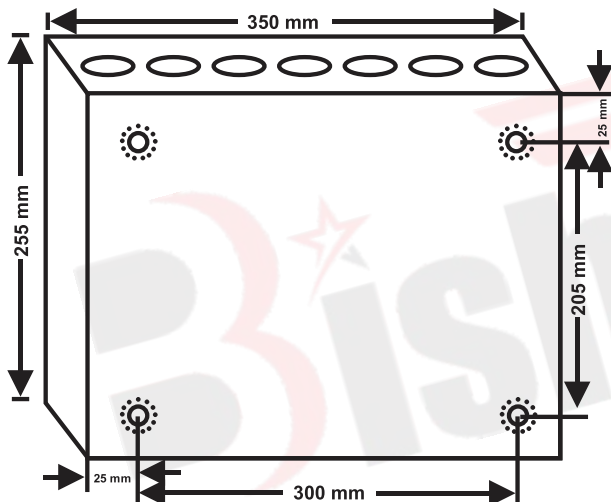
Operating Condition-

Operating Temperature : - 0 - 55° C/32-120° F.
 Storage Temperature : - 0° to 60° C
 Relative Humidity : - 93 ± 2% RH (non- condensing)
 at 32 ± 2° C/90 ± 3° F.

Initiation Device Circuits (Zone Circuit): -

Normal Operating Voltage: 14- 21 VDC
 Alarm Current : 15 - 30mA
 Short Circuit Current : 42mA Maximum
 Loop resistance : 50 ohms Maximum
 End-Of-Line Resistor : 4.7K, 1/4watt
 Stand by Current : 6.8mA
 (2.4mA for Detectors)

Mounting Detail:



Mechanical Specification:

Dimensions : (350L X 255H X 105D) in mm
 Colour : Off white
 Construction : 20 Gauge (1mm) CRCA sheet with powder-coated finish
 IP Rating : IP50
 Cable Entry : 7x19mm Knockout on top of the cabinet
 Weight : 5.350 Kg (without Packaging)

Wiring Diagram:

