

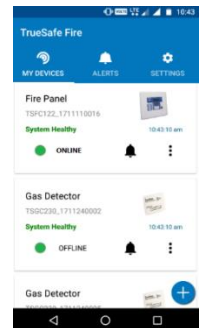


## Conventional Fire Alarm with Cloud Connectivity

### Product Description

TSFC24-2 is a two zone Fire Alarm Panel with cloud connectivity. This is not like an ordinary panel; it is India's first IoT based Conventional Fire Alarm Panel. This panel is connected with Cloud through Wi-Fi (internet) and stores all fire and fault information on it. We are providing Mobile App along with our system. It is used for monitoring the fire panel status on mobile from anywhere from the world.

It is basically Wi-Fi based conventional system to protect residential as well as commercial premises. It has a potential free relay outputs as well as one number of siren output for Fire alarm notification. Other LED indications for sensors are used to indicate Open, Short, Bypass status for user.



### Application

- Offices
- Shops
- Small Clinics

### Salient Features or USP's

- Receive Fire & Fault alerts on your mobile app
- Cloud Connectivity through Wi-Fi
- Sturdy metal Enclosures



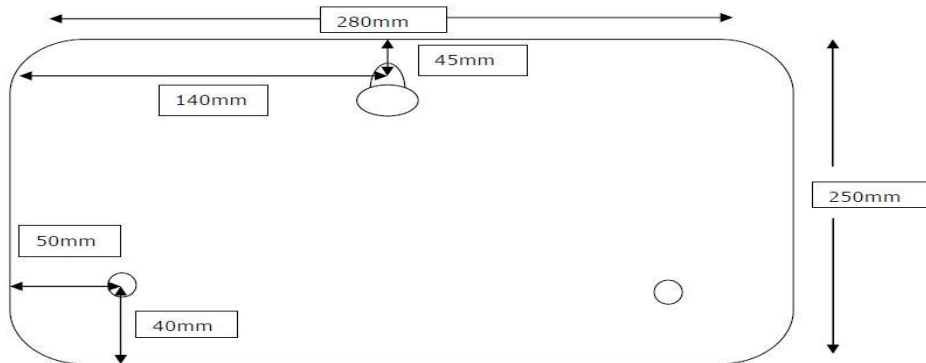
## Conventional Fire Alarm with Cloud Connectivity

### Specifications

<b>General Specifications</b>	
Operating Temperature	0°C to 50°C
Storage Temperature	0°C to +60°C
Humidity	5 to 90% Rh
Color	RAL7035 Matt
Enclosures	Metal Enclosure
<b>Electrical Specifications</b>	
Power Supply	230 VAC/50Hz
Quiescent current	Approx. 100mA
Charging Voltage	27 VDC
charging Current Rating	200mA
Current for NACs	500mA
Battery backup	Up to 8 hours
Class Wiring	Class B Type Wiring
End-Of-Line Resistor	4.7k Ohm
Mobile App Version	Android (5.1) and above, iOS
Power Consumption	Stdby 1.5W, Alarm up to 4W
IDC's(Zones)	Two
Devices per Zone	20 detectors
<b>Mechanical specifications</b>	
Weight	Approx. 4.5Kg (Without Packing)
Dimensions	280L x 250H x 90W
IP Rating	IP30
Display	16*2 Large LCD display
Cable Entry	09 x ø19mm Knockout in top of the cabinet
<b>LED Indications and Output</b>	
LED Colour	<ul style="list-style-type: none"> <li>· Dual Fire LED Indication</li> <li>· Zone Fault, Siren Fault</li> <li>· Battery Cut/No battery</li> </ul>
Output	<ul style="list-style-type: none"> <li>· Wi-Fi Connectivity</li> <li>· Buzzer</li> <li>· 3 PFC Relay Output</li> </ul>
Warranty	One Year on Manufacturing defects only

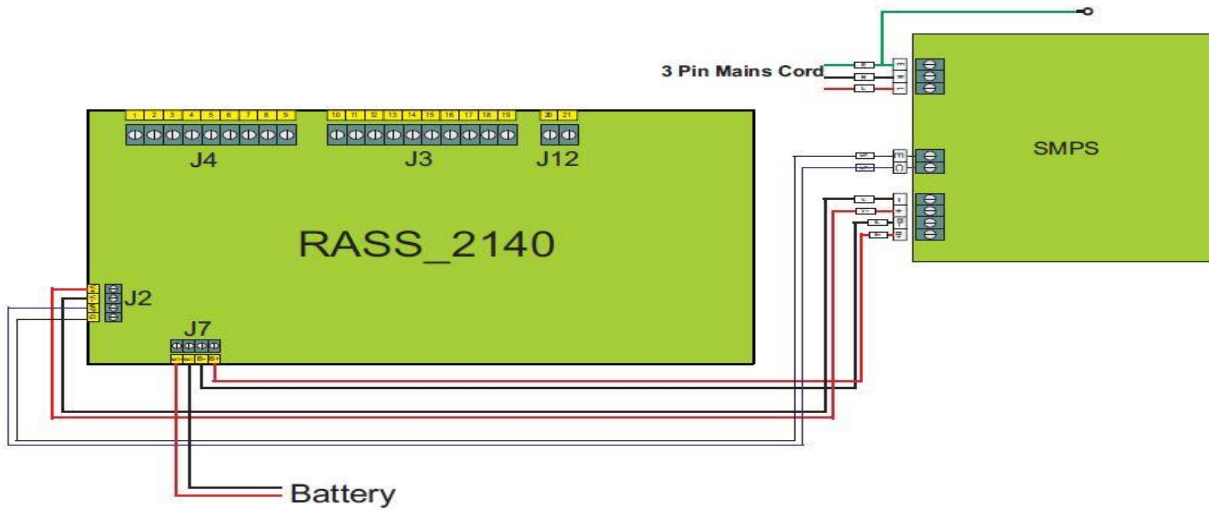


## Conventional Fire Alarm with Cloud Connectivity Mounting Details



Backside of the panel

## Wiring Diagram



### Models and Variants

TSFC12-2, TSFC24-2 and TSFC24-4

### Abbreviations

TSFC24-2

TS-TrueSafe, FC-Fire Cloud , 24-Operating voltage, 2- Two zones

Datasheet Version with Date (08/08/2020)