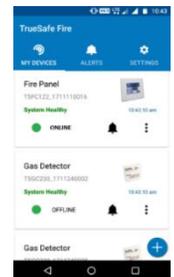# TSFC 24-4

Conventional Fire Alarm with Cloud Connectivity
(Family – Fire)

Product Description:

TSFC24-4 is a four-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

USP's:
- Receive fire & fault alerts on your mobile app
- Cloud connectivity through Wi-Fi
- Sturdy metal enclosures

Vighnaharta Technologies Pvt. Ltd.
(formally known as Realty Automation and Security Systems Pvt. Ltd)
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Conventional Fire Alarm with Cloud Connectivity
(Family – Fire)

Technical Specifications:

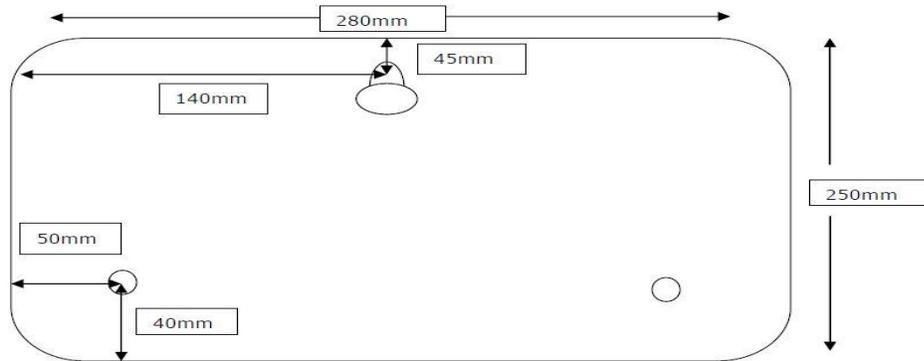| General specifications	
Operating temperature	0^0C to +50^0C
Storage temperature	0^0C to +60^0C
Humidity	5 to 90 % Rh
Color	RAL7035 matt
Enclosures	Metal enclosure
Electrical specifications	
Power supply	230 VAC / 50Hz
Quiescent current	Approx. 100 mA
Charging voltage	27 V DC
Charging current rating	200 mA
Current for NACs	500 mA
Battery backup	Up to 8 hours
Class wiring	Class B type wiring
End-of-line resistor	4.7 k Ohm
Mobile app version	Android (5.1) and above, iOS
Power consumption	Standby 1.5 W, Alarm up to 4W
IDC's (zones)	Four
Devices per zone	20 detectors
Mechanical specifications	
Weight	Approx. 4.5 Kg (without packing)
Dimensions	280 x 250 x 90 mm (L x H x W)
IP rating	IP30
Display	16 x 2 Large LCD display
Cable entry	09 x ø19 mm Knockout in top of the cabinet
LED indications and output	
LED colour	Dual fire LED indication Zone fault, Siren fault Battery cut / No battery
Output	Wi-Fi connectivity Buzzer 3 PFC relay output
Warranty	One year on manufacturing defects only

TSFC 24-4
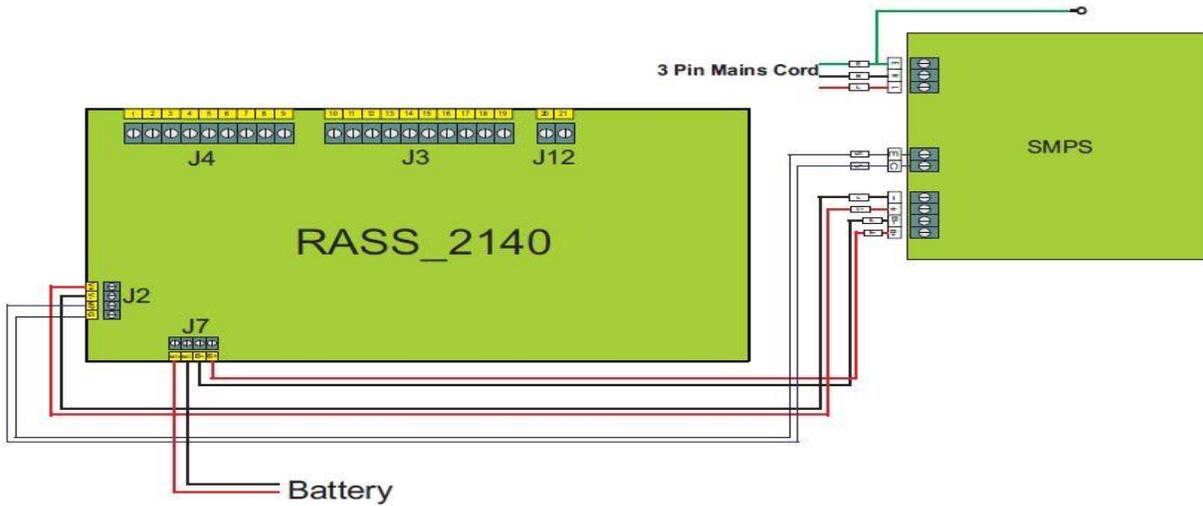
Conventional Fire Alarm with Cloud Connectivity
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Mounting Details

Backside of the panel

Wiring Diagram

Models and Variants		
	TSFC12-2, TSFC24-2 TSFC24-4	
Abbreviations		
TSFC24-4	TS-TrueSafe, FC-Fire cloud 24-Operating voltage, 4- Four zones	

Datasheet Version with Date (08/08/2020)

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