

TrueSafe V.252.2



Vignaharta™

Addressable Fire Alarm Control Panel (2 Loop)

Product Description

TrueSafe Addressable fire alarm panels are high performance feature rich products with a competitive price. It comes with a two-loop capacity. It is an EN54.2 & EN54.4 certified Panel.

The same panels can be used in Peer-Peer networking up to 16 nodes including the Repeater Panels. Each fire alarm panel on the Network maintains individual programming and continues to operate independently, yet cohesively as a part of the unified network. This prevents the loss of a single node from compromising other panels. The result is greater system serviceability. There is a configuration utility using which the panel can be configured.



• Application

- Shopping Malls
- Residential Buildings
- Hotels
- Industrial Buildings

Salient Features

- EN-54-2 and EN-54-4 Certified.
- Modular Construction, Serviceability.
- Networkable through software and in peer to peer networking.
- Auto Resettable Fuse.
- Surge Protection at input supply.
- Battery cut off indication.
- Unique protocol feature for fast alarm response.
- 2 Inbuilt conventional circuit (IDC).
- Tactile Keypad for user-friendly operation.
- Auto learning facility.



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Vignaharta Technologies Pvt. Ltd.
(formerly Realty Automation & Security Systems Pvt. Ltd.)

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Product Features

- User-friendly circuit.
- Inbuilt RS485 Modbus RTU output
- 2100 Event Storage with Real Time Clock.
- Cause and Effect up to 99 grouping facility.
- Pre-Alarm Action.
- All field wiring is power limited and supervised.
- Programmable detector sensitivity.
- Device type verification.
- Earth fault annunciation facility at 0 ohms.
- Walk test
- Loop wise test
- Lamp (LED) test.
- 128 X 64 Characters LCD display
- Maximum two numbers
- Maximum 126 devices per loop with XP95 series and 252 devices per loop with Soteria Series.
- Micro USB Interface for Programming
- Loop Short Circuit Protection
- RS 485 Communication facility for Network / Repeater.
- Auto Silence Facility.
- One inbuilt Digital input.
- Programmable AC Loos Delay.
 - Programmable Silence Inhibit.

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- 2 Conventional Zones with LED indication
- Battery low audio, visual warning.
- Three Form C relay for Fire, Fault and Supervisory.
- One Notification Appliance Circuit.
- The ability to interconnect up to Sixteen TrueSafe main panels (any variant) onto a two wire RS485 network.

Specifications

General Specifications	
Operating Condition	Operating Temperature - 55° C. Relative Humidity 93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ±3° F
Electrical Specifications	
Primary Power	180 / 265VAC + 10% / 50 Hz.
Charging Circuit	Charging Voltage 28 V, ±0.2V Nominal Charging Current 1.2A (Max.).
Standby Power	24V D.C (2 No's of 12V, 7.2Ah) Sealed Lead acid battery
Mechanical specifications	
Weight	7 Kgs
Dimensions	439.60 x 326.80 x 100
Colour	RAL7035 MATT
Cable Entry	9 x 19mm Knockout in top of the cabinet of the cabinet
Construction	Thickness: 1.2mm. Width: ±0.2mm tolerance CRCA sheet with powder coated
IP Rating	IP50
Initiating Device Circuits (Zone Circuit) All zones are Class B wiring	
Normal Operating Voltage	14 - 21 VDC
Short Circuit Current	45mA Maximum
Alarm Current	15 - 30 mA
Maximum Loop Resistance	100 Ohms
Maximum End of Line	4K7, 1/2watt
Standby Current	7mA (2mA for detectors)
Signaling Line Circuits	
Loop Card	2
Loop Resistance	40Ω(Max.).
No Of Devices Per loop	126 Max (XP95)



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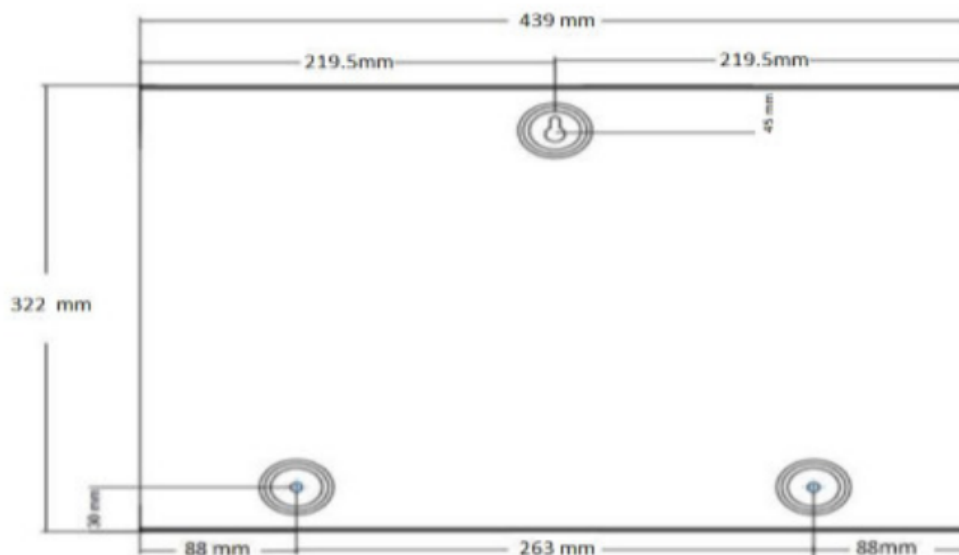


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Loop Capacitance	0.6 μ f (Max.).
Loop Current	500mA (Max.).
Relay	
Type	Form C
Relay Contact Rating	2A @30V DC @125VAC.
No of Relays	3
Programmable Input Circuit	
Input type	Normal
Short Circuit Current	10mA Max

Mounting Details:



Warranty	One Year
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Abbreviations

V.252.2	V- Vighnaharta, 252- Detectors capacity in one loop, 2- available 2 loops
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Datasheet Version with Date (29/07/2020)



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