

Apollo Vighnaharta V.75 Addressable Fire Alarm Panel



Product Description:

Apollo Vighnaharta V.75 (Addressable Fire Panel) is the next step/upgrade from Conventional fire panels with the added feature of being able to pin-point the exact detector and there by the location of the fire. The Addressable Fire Panel can intelligently communicate with a wide variety of detectors and devices such as Heat Detector, Ionization Detector, Sounders, Beacons, and Indicators etc. Apollo Vighnaharta V.75 is a single loop panel with up to 75 devices compatibility.

This panel will have EEPROM to store 1000 events and Additional 100 separate fire events and 100 fault events also be stored in the panel. A complete system can also be formed network by using panels and accessories such as Repeater Panels, Mimic Panels etc. to form a fire detection system for a very large building/complex.

Apollo Vighnaharta V.75 panel has specially design for Apollo XP95 and Discovery protocol devices.

The panels are designed as light weight i.e. optimum features compared to competition panels. At the same time panels are simple to program, do not require special programmers, simple to operate and simple to use. All panels are networkable and can be connected to BMS.

Apollo protocol offer reliable, early detection of all type of fire and provide reliable false alarm management.

“Vighnaharta A3S” brings to you Apollo Vighnaharta V.75 Panel with unique features. This Control Panel should comply with the following standards :

- 1.EN-54-2 - Indication and Operation of Control Equipment
- 2.EN-54-4 – Power Supply Requirement
- 3.NFPA72 – Local Fire Alarm Systems

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Product Features & Specifications:

- Auto learn feature provide
- Option for built in CMS reporting via Contact-ID or SIA protocol.
- USB port provided for commissioning by using Mobile App.
- Single Loop Panel
- Operates on 180 – 280V , 50 Hz, AC Mains power supply
- Standby (battery) backup 24V DC power supply with built in charger.
- 40*4 Dot Matrix Alphanumeric LCD Display.
- 19 push button Alfa numeric keys Keypad for easy programming
- 4 level security password protection
- Real Time Clock
- Events log storage capacity up to 1200 events
- 8 Zones with Alarm and Fault LED indications
- 15 Status LED Indications
- Alarm status audible and visual indication.
- 4 Relay outputs for Alarm, Fault & two spare
- 4 Digital inputs for Fault, Reset, Silence, Spare
- Interfaces -
 - Serial Expansion port - I/O Devices and Repeaters (RS485)
 - Network Port - Additional modules and Panels (RS485)
 - PC Programming Port – USB

USPs:

- Co-branding with **Apollo UK**.
- **First indigenously** developed panel for *Apollo* Sensors
- Easy configuration using **USB** port directly connected to Laptop/PC.
- Industrial standard **MODBUS RTU** port provided for SCADA interface.
- Provision for **expandable** system using two module port.
- **LOW cost**.

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Technical Specifications:

Power Supply	180-230VAC,50/60Hz	Battery	12VDC/7.2A x 2
Operating Voltage	24VDC/1A	Battery backup app.	Up to 12Hr
Loop	1	Display	40*4 Dot Matrix LCD Display
Loop Current Max.	500mA	Outputs	RS-485 Modbus Siren Output (Two Siren) LED & Audio Buzzer Output
Devices	75		4 PFC Relay(1Fire+1Fault+2 Aux)
Programming Keys	17	Connectivity	Auto dialer, Add On Modules i.e. SCADA, Printer, Ethernet, Repeater Panels, CID module
Control Keys	6	Humidity	5 to 90% Rh
Zones	8	Working Temperature	- 10°C to 55°C
Digital Inputs	4	Size	(480x100x340)mm(LxWxH)

Application:

- Buildings
- IT Park
- Industries
- Commercial offices
- Hotels
- Stadiums
- Airport/Railway Station areas
- Collage/School
- Store rooms/ Warehouse , etc.

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