

Conventional Fire Alarm Control Panel

Product Overview

The Agni Protection Systems Conventional Fire Control Panel has been developed to provide a simple & reliable solution to the demands of the today's fire detection solution. This model is designed user friendly & cost effective. The panels have been designed with both installer and end user's requirements in mind suited for small to medium sized buildings like Commercial Buildings, Banking, Residential complexes, Retail Units/Stores, Shops, Restaurants, Healthcare, Public Offices, Schools etc. It is suitable for that areas where hooter sound intensity is enough to communicate in case of fire. Emergency exit way is not too complicate for evacuation. These products are inbuilt feature to operate sensor & trigger device with hooter/ sounder. It comes with 2-8 zone as per requirement of premises need.

Features:

Fully complies to IS 15908:2011 & tested by ERTL (N)

Operates on 220V AC,50Hz AC Supply

Battery backup with inbuilt charger

Fire/fault status in unambiguous colored LED indications

16X2 line dot matrix LCD

Zone wise fire, open, short LED Indications

External s/w to test each zone fire, open, short status manually

External s/w for reset, silence, lamp test

Zone isolation facility with zone voltage cutoff

Relay for free contacts

Auto dialer attachable facility

Enough inside space for SMF battery

Attachable with all types of fire detectors

Maximum 20 nos. detectors in each zone

Hooter output current can be increased as per customer requirement.





MODEL	APS-2Z	APS-4Z	APS-6Z	APS-Z
ZONE CAPACITY	2ZONE	4ZONE	6ZONE	8ZONE
Electrical Specification				
INPUT Characteristics				
Primary Power	230VAC; 50 Hz Alarm (1 Ph + N)			
Power Consumption	30Watt/200Watt (Normal/Fire)			
Operating Voltage	14- 21 VDC			
Alarm Current	15 - 30mA			
Short Circuit Current	42mA Maximum			
Sounder Outputs	18.5 to +28.0 Vdc, 0.5 Amp. (max)			
Auxiliary Output:	18.5 to +28.0 Vdc, 0.5 Amp. (max)			
No of Relays	3			
Relay Contact Rating	2Amps @ 30 VDC, & 0.5Amps @125VAC.			
Loop resistance	50 ohms Maximum			
End-Of-Line Resistor	4.7K, 1/4watt			
Stand by Current	6.8Ma (2.4mA for Detectors)			
BATTERY Characteristics				
Battery Type	Valve Regulated Lead Acid Sealed Maintenance Free			
Numbers x VDC	2 x 12VDC (24VDC)			
Charging Voltage	28.0V, \pm 2%			
Charging Current	0.5 A (Max.)			
USER INTERFACE				
Display	16X2 line dot matrix LCD			
Control Keys	Menu/OK, Silence, Navigation, and Reset buttons			
INDICATOR	Fire, Power, Fault, NAC Fault, Earth Fault, Silence			
Mechanical Specifications				
Dimensions (H X W X D)	346 X 270 X 97 mm			
Weight	3.5kgs Approx (No battery fitted)			
Construction	18 Gauge (1.22mm) Cold Rolled Steel with powder coated finish with door lock			
Cable Entry				
Colour	Red / White			
IP Rating	IP50			
Cable Entry	08 Number x 20.50mm knockout		11x ϕ 19mm Knockout on top of the cabinet	
ENVIRONMENT				
Operating Temperature	0°C - 49°C/32°F – 120°F			
Relative Humidity	5% to 95% Non-Condensing			

***Product Specification are subject to change without further notice**

Office & Works: 24, G Wing, Sumel Business Park 6, Dudheshwar road, Shahibaug, Ahmedabad 380004
 Branches: Baroda, Surat, Indore, Mumbai, Pune, Bengaluru, Delhi
 Telephone: +91 79 4080 1160 Email: info@agniprotection.in