



An ISO 9001-2008 Certified Co.  
**AGNI PROTECTION PVT. LTD.**  
DATASHEET

## 2 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL MODEL NO-(D-2000 P)

This is microcontroller based 2 loop standalone Addressable fire alarm panel which monitor 900 devices pin point location with the help of 30 Zone monitor modules, each module is capable to provide 30 device location address. In case of event (Fire/Fault/Short) it will indicate the respective device and also perform the required action like activating the common hooter of the panel. This Is Latest Technology Fire Alarm Panel Which is designed to be used for residential, commercial Building and industries.

### Features and Benefits :

- As Per IS-15908:2011 Standard.
- 40x2 Dot Matrix LCD Display.
- Device addressing in 32 characters.
- Ps2 keyboard attachable facility for commissioning.
- 5-digit Password protected system.
- Device 32 character customize addressing through dip-switch.
- Short Circuit/Overload Protection.
- Potential Free Contact Facility.
- Inbuilt Battery Charger & Battery Space. (2 Battery 12V 7Ah)
- Auto Dialler Integration Facility.
- RS 485 Communication for Repeater Panel.
- Relay Output for Actuators, For Fire & Fault.
- Lamp Test Facility.
- User Friendly Key pad for easy panel operation.
- Low Battery Visual Warning.
- Evacuate Switch for Emergency.
- Inbuilt PA & Talkback facility (Optional)

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### TECHNICAL SPECIFICATION:

Mains Voltage	220~230V AC
Frequency	50~60 Hz
Power Consumption	7 Watt/45 Watt (Normal/Fire)
Operating Voltage	24 V DC
Detection O/P Supply	24 V DC
Hooter O/P Supply	24 V DC

### Initiating Device Circuits (Zone Circuit): - All Zones are Class B wiring

Normal Operating Voltage	16-24 V DC
Alarm Current	15-30mA
Short Circuit Current	100 mA
Maximum Zone Resistance	220 ohms
End of Line	4.7k
Standby Current	200 mA

### ENVIRONMENTAL INFORMATION:

Operating Temperature	0° C to + 65° C
Operating Humidity	5 to 95% Relative Humidity (non- condensing)

### MECHANICAL SPECIFICATION:

Cabinet Type	CRCA With Powder Coated Finish
Colour	Off White/Black/Red
Knock- Out	20mm
Dimension (WXHxD)	420 X350X120 mm
Weight without Battery	6 Kg (No Battery Fitted)

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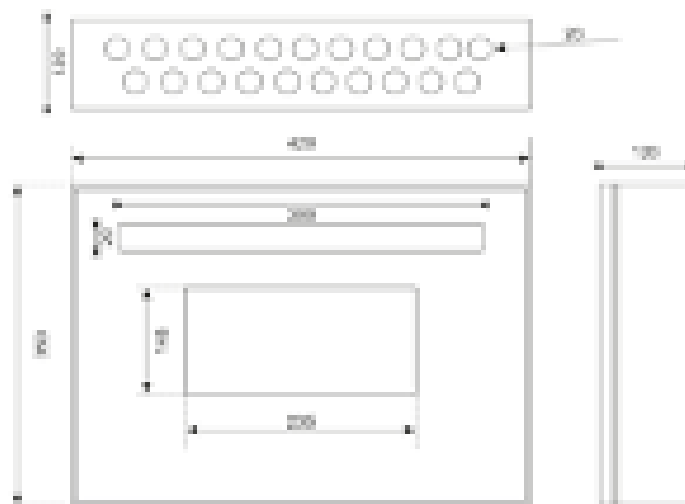
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### COMPATIBLE DEVICES:

DI- 1000PD	Smoke Detector
DI-1000HD	Heat Detector
DI-1000PHD	Multi Criteria Detector
DC-1000M	ABS Addressable MCP
C-100SS	ABS Sounder Strobe
DM-1000CRM	Control Module
RI-100	Response Indicator
DI-1000SB	Detector Base
DI-1000ZM	Zone Monitor Module
DI-1000MM	Monitor Module

### MECHANICAL DIAGRAM:





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### ORDERING INFORMATION:

MODEL NO	PACK QTY.	DIMESION (WXHXD) MM	WEIGHT
D-2000P	1	420X350X120	6 KG

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