

## SIRIUS SMART FIRE ALARM PANEL

### Product Overview

The **Sirius Smart Conventional Fire Alarm Panel** is an advanced fire detection and alarm system that combines the simplicity of conventional wiring with intelligent detector identification capabilities. Unlike traditional conventional fire alarm systems, this smart solution can identify and display the exact detector number that has triggered an alarm, enabling faster emergency response and easier maintenance.

### Features

- Up to 4 Zones
- Up to 40 Smart Smoke Detectors per Zone
- Individual Detector Number Display during Fire Alarm
- Smart Digital Communication
- Built-in Sounder Output
- Fire & Fault Relay Output
- 230V AC Supply with Battery Backup
- Easy Installation & Operation
- Detector-wise Identification
- Fast Fault Detection
- Easy Maintenance
- Smart Monitoring with Conventional Wiring
- Exact Fire Location Display
- IS 2189 Compliant Design



### System Capacity

Model	Zone Capacity	Detectors Capacity
2 Zone Model	2 Zones	80 Detectors
4 Zone Model	4 Zones	160 Detectors

## Technical Specification

Parameter	Specification
Number of Zones	Up to 4 Zones
Detectors per Zone	Up to 40 Smoke Detectors
Total Detector Capacity	Up to 160 Detectors
Detector Numbering	1 to 40 per Zone
Wiring Type	2-Core Conventional Wiring
End of Line (EOL)	Optional (User's Choice)
Power Supply	230V AC, 50Hz
Operating Voltage	24V DC
Battery Backup	24V DC (2 × 12V Batteries)
Backup Time	24 Hours Standby + 30 Minutes Alarm
Operating Temperature	0°C to +50°C
Enclosure	MS Powder-Coated Cabinet
Mounting	Wall Mount
Display Type	Digital LCD Display
Communication	Smart Digital Communication
Sounder Output	Built-in Sounder Output
Relay Outputs	Fire Relay & Fault Relay
Detector Identification	Individual Detector Number Display
Fault Monitoring	Open Circuit & Short Circuit Detection
Compliance	IS 2189 Compliant

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