

SYSTEM SENSOR FIRE ALARM CONTROL PANEL



FEATURES

Low profile design

- Low current draw
- Backward compatible with Series 100 detector range of bases
- Wide operating voltage 8 to 30VDC
- Bi-colour LED detector status indicator
- Automatic drift compensation
- Programmable sensitivity
- Addressable feature
- Advanced maintenance features via remote hand-held test unit
- Range of detector bases available
- Tested and approved to EN54 – 7:2000 (Amendment 1)
EN54 – 5:2000 Class A1R; (Amendment 1) CEA4021



USER INTERFACE

Display: 16*2 Char LCD Screen

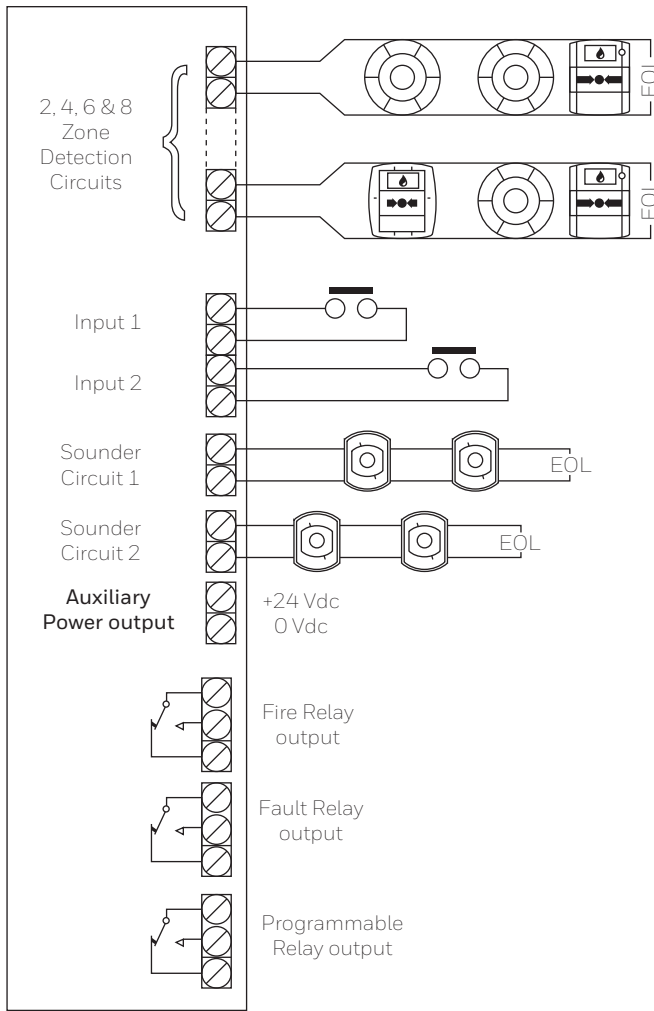
Control Keys: Silence Buzzer, Silence/Resound Alarm, Reset, Evaluate, Accept delay

Indicators: Fault, NAC Fault, Earth Fault, Fire, Power, System Fault.

KEY FEATURES

16*2 Char LCD Display, Aesthetically designed Front Facia/LED's	Fire, Fault, Configurable Relay	C E certificate
Individual Zone Isolation	Certified for Safety standard	Earth Fault Monitoring
Customizable text inserts	NAC Enable/Disable facility	Battery Charging/Battery Internal Resistance Monitoring
Input for remote reset/evacuate/alert/fire	Monitored NAC and Zone Circuit for Open/Short/Faults	Aux output facility
Event Logging	Data/Time/Password configuration	On board memory lock switch to prevent unauthorized panel configuration changes.
Lamp Test Facility	One Man walk test facility	Configurable delays to output, with timer to fire indication
Detectors/MCPs in same zone	Upto 600 cable connectivity per zone, Typically 20 Detectors per zone+ 5 MCP's etectors/MCPs in same zone	Mechanical Keylock etectors/MCPs in same zone

WIRING DETAILS



Circuit diagram*

Number of Programmable input might vary based on panel model, minimum 1 would be supported in all variants, check Installation Manual

COMPATIBLE DEVICES

Product Model Nos	Description
2351/EC	System Sensor Photo-Electric Smoke Detector
2351/TEM	System Sensor Photo-Electric Smoke & Heat Detector
5351/E	System Sensor Heat Detector
B/401	System Sensor Plug-in detector base

Mechanical Specifications

Dimensions (H X W X D)	360 X 422 X 122.8 mm (Front Facia), 360 X 380 X 92.3 mm (Back Box)
Weight	5.8 Kg Approx. (No Battery Fitted)
Construction	Powder coated Cold Rolled STEEL 1.2mm thick
Cable Entry	15 X 20mm Knockout
Operating Temperature	0 to 49°C
Relative Humidity	5% to 95% Non-Condensing

Electrical Specifications

Operating Voltage	230V-AC +/- 20% Output current 2A maximum, Alarm Load 1A Maximum
Standby Batteries	Minimum capacity 2 x 12 V 2.8Ah, Maximum capacity 2 x 12 V 7 Ah
Detection Circuits	2, 4, 6, 8 zone, Max 2mA per Detector Circuit
Input Trigger	Extended closing contact
Trigger External Outputs	Sounder Outputs: <ul style="list-style-type: none"> • 2 monitored outputs • 0.5 Amps per circuit Auxiliary Output: <ul style="list-style-type: none"> • 18.5 to +28.5 Vdc, 0.5 Amp. (max)

ORDERING PART CODES

Order Codes	Manufacturer Part No.
SS/2ZE	System Sensor 2 Zone Fire Alarm Control Panel
SS/4ZE	System Sensor 4 Zone Fire Alarm Control Panel
SS/6ZE	System Sensor 6 Zone Fire Alarm Control Panel
SS/8ZE	System Sensor 8 Zone Fire Alarm Control Panel
MCP2A/R470FF/01	System Sensor MCP Red W/O Back Box
MCP2A/R470SF/01	System Sensor MCP Red with Back Box
MUS4A/Y000SF/12	System Sensor MCP Yellow, Dual Pole, Flexi Element with Back Box
MUS3A/G000SF/12	System Sensor MCP Green, Single Pole, Flexi Element with Back Box
MUS3A/Y000FF/11	System Sensor MCP Yellow, Single Pole, Flexi Element, W/O Back Box
MUS4A/G000SF/12	System Sensor MCP Green, Dual Pole, Flexi Element with Back Box
W1A-R470SF-K013-01	System Sensor WCP Red, Flexible Element
SYS/HS	System Sensor Horn cum Strobe, Wall, Red, Standard Candela
SYS/HS/C	System Sensor Horn cum Strobe, Ceiling, Red, Standard Candela
SYS/ST	System Sensor Strobe, Wall, Red, Multi Candela
SYS/ST/C	System Sensor Strobe, Ceiling Mount, Red, Multi Candela
MHR/1	System Sensor Red Mini Horn, Red, UL certified

For more information,

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