Honeywell

System Sensor Fire Alarm Control Panel

Honeywell System Sensor Fire Alarm Control Panels have been developed to provide a simple and reliable solution to the demands of today's fire detection requirements. 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.

For installers, Honeywell System Sensor panels offer an out of the box and on the wall solution. A combination of quick installation, an enhanced feature set and advanced programming allows installers to quickly and simply meet the demands of the user. Equipped with configurable inputs, programmable relays, delay setting for alarm verification, software isolation of zone and NAC outputs, mapping of NAC to specific zones, password protections etc provide wide variety of choice for system installers to customize the need of an end user.

Engineered and built to the same high standard as all Honeywell Fire Control panels, this System Sensor panel forms an essential part of any fire detection requirement.
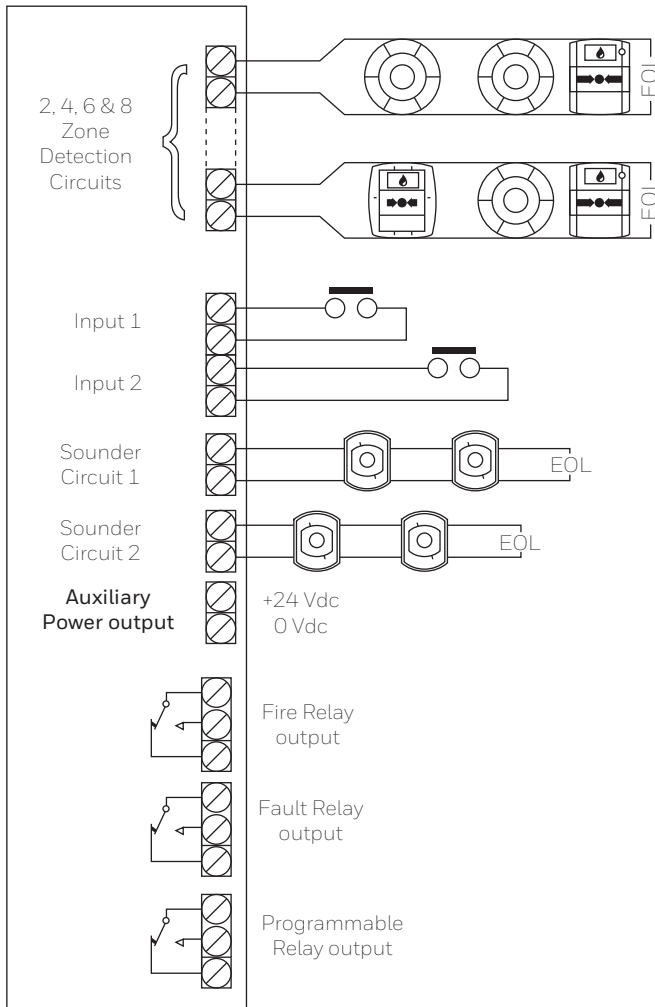
USER INTERFACE

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	• CE certificate.
• Individual Zone Isolation	• Certified for Safety standard IEC 62368-1:2018	• 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	• Mechanical Keylock

Circuit diagram*

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

WIRING DETAILS

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:** • 2 monitored outputs • 0.5 Amps per circuit **Auxiliary Output:** • 18.5 to +28.5 Vdc, 0.5 Amp. (max)

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

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

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SYSTEM SENSOR
FIRE ALARM
CONTROL PANEL

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