

CONVENTIONAL FIRE ALARM CONTROL PANEL COMPACT SERIES

- Three Form-C relays (1 Fire, 1 Fault and 1 Fire/Fault 2amps@30 VDC)
- 1 On-board NACs operating @ 0.5A/circuit
- Aux Output: 24VDC
- Sounder Output: 24VDC
- Feature Detection Circuits: 2 & 4 Zones (upto 20 Detectors + 5 MCPs)
- Zone wise Fire, Fault, Disable indication
- Panel keys: Silence Buzzer/Alarm; Reset; Navigation keys (Left, Right, Down, Menu/Ok)
- Lamp Test & Walk Test
- Standby power 24V DC (2 no's of 12V, 7Ah Lead Acid Battery)
- Certification (CE, LVDE)
- Event Log- 1200 events
- Earth fault monitoring



SYSTEM OVERVIEW

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 solutions. 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 programmable relays, delay setting for alarm verification, software isolation of zone and NAC output, 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 X 2 Character LCD

Control Keys

Menu/OK, Silence, Navigation, and Reset buttons

Indicators

Fire, Power, Fault, NAC Fault, Earth Fault, Silence

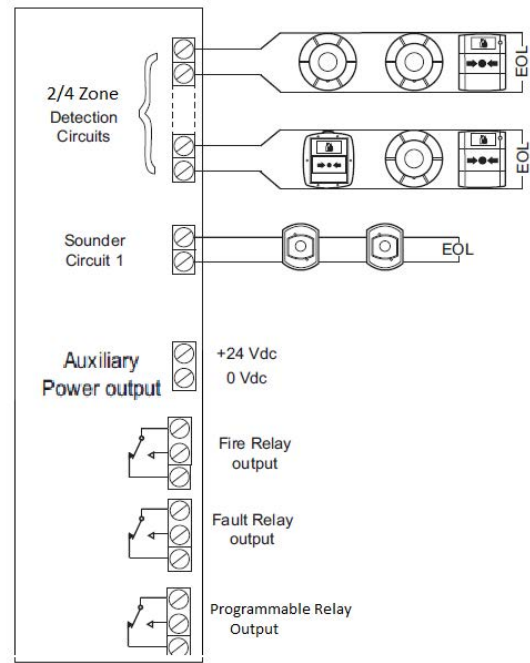
Wiring Details

Mechanical Specifications

Dimensions (H X W X D)	250 X 290X 100 mm
Weight	3.5kgs Approx (No battery fitted)
Construction	Cold Rolled Steel with powder coated finish with door lock
Cable Entry	08 Number x 20.50mm knockout

Electrical Specifications

Operating Voltage	230VAC; 50 Hz Alarm Load (Sounder) 0.5Amp (max) NAC output 0.5Amp (max)
Operating Temperature	0°C - 49°C/32°F - 120°F
Relative Humidity	5% to 95% Non-Condensing
Standby Batteries	Minimum capacity 2 x 12 V 2.8Ah Maximum capacity 2 x 12 V 7 Ah
Detection Circuits	2, 4, zone, Max 2mA per Detector Class B Circuit
External Outputs	Sounder Outputs: 18.5 to +28.0 Vdc, 0.5 Amp. (max) Auxiliary Output: 18.5 to +28.0 Vdc, 0.5 Amp. (max)



Circuit diagram*

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
MCP2A/ R470FF/01	System Sensor MCP Red W/O Back Box
SYS/HS	System Sensor Horn cum Strobe, Wall, Red, Standard Candela
MCP2A/ R470SF/01	System Sensor MCP Red with Back Box
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

Ordering Part Codes:

Part Codes	Manufacturer part No.
SS/2ZEC	System Sensor 2 Zone Fire Alarm Control Panel- Compact Series
SS/4ZEC	System Sensor 4 Zone Fire Alarm Control Panel- Compact Series

For more information,
buildings.asean@honeywell.com

Honeywell Building Technologies ASEAN
Level 25, UOA Corp Tower B, Avenue 10
The Vertical, Bangsar South City,
59200, Kuala Lumpur, Malaysia

www.honeywell.com

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