

2012/24AUS Series Smoke Alarms



Ancillaries

General

Compact, attractive, and easy to install, the System Sensor 2012/24 Series smoke-alarms are designed to respond to a broad range of fires while providing maximum stability.

This series also feature low-voltage wiring making it ideal for applications such as apartment buildings and nursing homes.

These photo-electric smoke alarms are designed for open area protection with in residential buildings.

They are designed to provide early warning of developing fires. They monitor the air and can sense smoke providing precious minutes for the occupants to escape before the fire spreads.

They have a built-in relay which may be used to activate auxiliary devices such as bells, horns and door closers.

The relay automatically closes 8 seconds after the smoke alarm goes into alarm and resets approximately 5 seconds after the alarm stops.

The chamber in these smoke alarms is easily accessible for cleaning by a simple quarter turn of the chamber cover.

All detectors are supplied complete with a mounting ring.



Features

- 12 - 24 VDC operation
- 2012/24AUS 9VDC back-up battery;
2012J **NO** back-up battery
- Hush feature
- Test push button
- In-built temporal pattern tone
- Check for low chamber fault performed when in stand-by
- Audible indication synchronized with LED blinking during silencing period
- Audible indication asynchronous with LED blinking when in low battery fault
- Visual and audible indication when chamber test fails
- Direct wire
- Up to 24, 2012/24AUS and 2012J smoke alarms may be interconnected
- May be interconnected with 2012H when all operate at 12VDC supply voltage
- 3 year warranty

Approvals

Complies with AS 3786-1993

Specifications

2012/24AUS

| | |
|------------------------------------|-------------------------------|
| Supply Voltage Range: | 10 -30 VDC |
| Back-up Battery: | 9VDC |
| Av. Max. Standby Current: | 60µA |
| Av. Max. Alarm Current: | 50mA |
| Max. Interconnected Units @ 24VDC: | 24 |
| Max. Interconnected Units @ 12VDC: | 12 |
| P-Horn Sound Output Level: | 85dB(A) at 3m |
| Relay Contact Rating: | Form C, 1A @ 30V(DC or AC) |
| Operating Temp. Range; | 0°C to 50°C |
| Humidity: | 5% to 93% RH (non-condensing) |

2012J

| | |
|------------------------------------|-------------------------------|
| Supply Voltage Range: | 10 -30 VDC |
| Av. Max. Standby Current: | 60µA |
| Av. Max. Alarm Current: | 65mA |
| Max. Interconnected Units @ 24VDC: | 24 |
| Max. Interconnected Units @ 12VDC: | 12 |
| P-Horn Sound Output Level: | 85dB(A) at 3m |
| Relay Contact Rating: | Form C, 1A @ 30V(DC or AC) |
| Operating Temp. Range; | 0°C to 50°C |
| Humidity: | 5% to 93% RH (non-condensing) |

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