

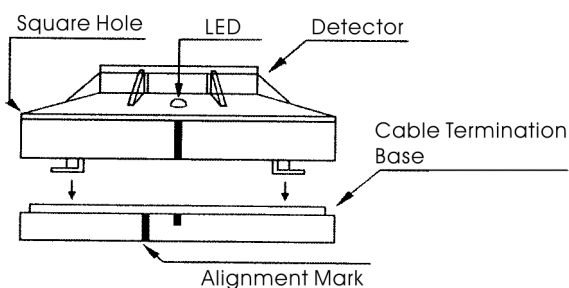
# PS-840 Smoke Heat Detector



## FEATURES

This is a unique patented heat detector which combines high stability detection with an advanced signal processing system. It can detect smoke and temperature promptly and correctly. When the smoke concentration or the temperature in the area exceeds the limited, it will sound and flash to indicate an alarm and a relay signal will be sent to the control panel.

- ▲ SMT design
- ▲ Fire resistant casing
- ▲ Use highly stable sensor and advanced signal processing technology



| Model                 | PS-840   |
|-----------------------|--|
| Smoke Sensor          | Ionize smoke sensor  |
| Heat Sensor           | Semi-conductive heat sensor  |
| Smoke Sensitivity     | Conform to UL 217, 4% per foot   |
| Triggered Temperature | 57 <sup>0</sup> C  |
| Processing            | Microchip controlled   |
| Alarm relay output    | Form A, normal closed contact, opened for 3 second when alarm, can be set to normal opened |
| Relay contact         | 1A , DC30V   |
| Buzzer                | Sounded when alarm occurs, 85 dB at one meter  |
| Alarm Reset           | Auto reset   |
| Power Source          | DC12V  |
| Standby Current       | 4mA  |
| Alarm Current         | 50mA   |
| Warm Up Time(max)     | 60 seconds   |
| Operating Temperature | 0 to 70 <sup>0</sup> C   |
| Casing                | Fire resistant PC  |
| Dimension             | Φ100 x 35mm with detachable connection base  |
| Weight                | 150 g  |