

Heat Detector — CD1100 series

Product summary

CD1100 series is a conventional heat detector, which meets the requirement of class A1R or A1S in EN54-5 standard. It incorporates the professional heat detector ASIC, the circuit is simple and stable. The detector has the intelligent temperature compensation function and has a good response to 60 °C heat or rate-of-rise detection. If the temperature reaches the alarm value, a current signal will be generated between 2 wires and the control panel will be triggered and send the alarm.

Feature:

- 2 wires heat detector .
- Wide voltage range and stable output.
- Easy installation and maintenance.
- Intelligent temperature compensation and low false alarm.
- Durable sensor head, no need for replacement.
- Five-year limited warranty.
- Beautiful appearance and small size.
- Low cost, high performance.

Technical Data:

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| Sensitivity | Class A1R or A1S |
| Working Voltage | 10V~33V |
| Standby current: | 70~100μA |
| Standard | EN54-5:2001 |
| Alarm indicator | LED continuously emitting red light |
| Reset Voltage | Less than 5 volt |
| Reset Time | Less than 2 seconds |
| Operating Temperature | -10°C~50°C |
| Humidity | 0 to 98%RH, no condensation or icing |
| Weight | 91g/set with base |
| Dimensions | 106mm (dia.) x 35mm (ht.) with base |
| Alarm current: | CD1100-A1S/A1R: 35mA±2mA at 24V CD1101-A1S/A1R: 32mA±2mA at 24V |
| Classes : | CD1100-A1S/CD1101-A1S: (Suffix S detectors 60°C) CD1100-A1R/CD1101-A1R: (Suffix R detectors >8.5°C) |

Appearances:

