

Heat Detector — D2100 series

Product summary

D2100 series is a conventional heat detector, which meets the requirement of class A1R 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.
- Remote LED output. (D2101)
- 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.

Models:

D2100	2-Wire, Base 20B1
D2101	2-Wire with remote LED output, Base 20B2

Technical Data:

Sensitivity	Class A1R
Working Voltage	10V~33V
Standby current:	< 50μA (Ave.) @ 24V
Standard	EN54-5:2017
Alarm indicator	LED continuously emitting red light
Reset Voltage	Less than 3 volt
Reset Time	Less than 2 seconds
Operating Temperature	-10°C ~ 50°C
Humidity	0 to 98%RH, no condensation or icing
Weight	D2100: 79g/set with base D2101: 81.6g/set with base
Dimensions	93.5mm (dia.) x 46.2mm (ht.) with base
Alarm current	D2100-A1R: 37mA±2mA at 24V D2101-A1R: 41mA±2mA at 24V

Appearances:

