



AH-9920

Mechanical Fixed Temperature Heat Detector

Characteristics

- This detector operates on the temperature differential sensing principle, with a UL approved sensor making mechanical contact. It is made of high quality material, providing excellent contact despite any environmental interference.
- This detector is suitable for locations with high temperatures differentials, such as places (kitchen, restaurant and boiler house) where there is constant use of heat.
- This detector has passed strict quality control and repetitive testing; hence its quality is durable and highly reliable.
- Through its professional design, the heat collector can accelerate its response rate after being heated, and has a protective device to avoid accidental response caused by distortion, bumping and dropping in order to increase the reliable product.
- The unit is completely sealed; its function is not affected by humidity, dust or insects.

Specifications

| Model | AH-9920 | | |
|----------------------------|--------------------------|--------|-------------------------------|
| Type | 2-wire | 3-wire | 4-wire |
| Alarm Contact | N/A | N/A | 0.8A @30V DC 0.4A @125V AC |
| Thermal Setting | 70°C or other selections | | |
| Voltage Range | 12 ~ 30V DC | | |
| Alarm Current @24V DC 470Ω | 40mA | 40mA | 35mA |
| Alarm Temperature | Comply to EN54 | | |
| Ambient Temperature | -10°C ~ +55°C | | |
| Material | Fire-proof plastic | | |
| Dimensions | 111mm(Dia.) x 47mm(H) | | |
| Weight | About 100g | | |
| Color | White | | |

Effective alert area

| | | |
|---------------------|-------------------|-------------------|
| Construction/Height | Under 4M | 4M ~ 8M |
| Fire-proof Building | 60 M ² | 30 M ² |
| Ordinary Building | 30 M ² | 15 M ² |

