

Conventional Heat Detector

Technical Sheet

Description

FL-C-H-310 conventional heat detectors are suitable for connection to 2-wire conventional fire detection control panel.

An electronic thermistor sensor provides sensitive rate-of-rise alarm operation, or fixed-temperature operation when the response threshold value is exceeded.

The FL-C-H-310 range of conventional detectors provide fire detection and alarm system designers with a Standards-compliant, economical heat detector for property protection applications where smoke or multi-sensor detectors may not be suitable due to environmental conditions.



Features

- Advanced algorithms provide excellent detection discrimination
- Durable sensor. No adjustment or replacement required
- Surface-mount device (SMD) circuit board design for stable and reliable operation
- Dual LEDs for 360° visibility
- 2-wire models for DC 12 V and DC 24 V operation
- Remote LED output option available
- Connects to zone monitor for use with addressable control and indicating equipment
- Easy installation. No programming required
- Sleek low-profile housing design
- Low maintenance

EN54 CE

FL-C-H-310

Technical Specifications

Operating voltage	DC (10.8 ~ 33) V
Start-up current	DC (10.8 ~ 264) V
Start-up time	≤ 100 μA
Quiescent current	≤ 30 s
Sampling time	40 μA
Alarm response threshold	(3 ~ 5) s
Alarm current (max)	59 °C static, and rate-of-rise a
Alarm condition indicator	30 mA
Remote LED output current (max)	Dual red LEDs
Alarm Relay	"SPST. N/O. 1.0 A @
Reset voltage	≤ 1V
Reset time	≤ 5 s
Operating temperature	(-10 ~ +55)°C
Operating humidity	(0 ~ 95)% RH, non-condensing
Storage temperature	(-25 ~ +80)°C
Storage humidity	(0 ~ 98)% RH, non-condensing
Dimensions (excluding contacts)	99 mm × 45 mm
Ingress protection rating	IP-42

Ordering Information

FL-C-H-310

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