

Non-Addressable smoke/heat detector HYU-FA-CSHD001-2



Key Features

- Dual photoelectric smoke and heat sensors to detect either smoke, heat or a combination of the phenomena
- Advanced algorithms provide analogue detection discrimination
- Surface-mount device circuit board design
- Ideal for both fast-flaming and slow smouldering fires
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Durable heat sensor. No adjustment or replacement required
- 2-wire model for DC 12 V and DC 24 V operation
- 2-wire models available with remote LED output
- Connects to zone monitor for use with addressable control and indicating equipment
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- Low maintenance

Specifications

Model	HYU-FA-CSHD001-2
Operating Voltage	DC (10.8 ~ 33) V
Start-up current	≤100 μA
Start-up time	≤30s
Quiescent current	≤75 μA
Alarm current (max)	50mA
Sampling time	(3 ~ 5) s
Alarm response threshold (smoke)	(0.08 ~ 0.15) dB/m
Alarm response threshold (heat)	59°C static, and rate-of-rise
Alarm indicator	Dual red LEDs
Reset voltage	≤1V
Reset time	≤5s
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)	∅ 102mm x 45mm
Ingress protection rating	IP-42