

Addressable smoke/heat detector HYU-FA-ASHD001



Key Features

- Dual photoelectric smoke and heat sensors to detect either smoke, heat or a combination of the phenomena
- Ideal for both fast-flaming and slow smouldering fires
- Advanced algorithms provide analogue detection discrimination
- Surface-mount device (SMD) circuit board design
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Durable heat sensor. No adjustment or replacement required
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- DC 24 V operation
- Convenient 2-wire connection to many popular loop protocols
- Easy installation with simple address setting DIP switches
- Low maintenance

Specifications

Model	HYU-FA-ASHD001
Operating voltage	DC (17 ~ 28) V
Start-up current	≤ 400 μA
Start-up time	≤ 30 s
Quiescent current	≤ 260 μA
Sampling time	≤ 2 s
Alarm response threshold (smoke)	(0.08 ~ 0.15) dB/m
Alarm response threshold (heat)	59°C static, and rate-of-rise
Alarm current (max)	2 mA
Alarm indicator	Dual red LEDs
Reset voltage	≤ 3 V
Reset time	≤ 30 s
Usable addresses per alarm loop	125
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)	Φ 102 mm × 45 mm
Ingress protection rating	IP-42