

Addressable Visual / Audible

Technical Sheet

Description

The FL-A-AV-R-02 addressable audio alarm devices are suitable for connection to addressable fire detection and alarm systems.

FL-A-AV-R-02 is loop-powered. Activation is initiated either by a dedicated initiation message from the control and indicating equipment or optionally when the control and indicating equipment enters the Alarm Condition. Up to 32 devices can be connected to each alarm zone loop.



The FL-A-AV-R-02 range of addressable audio alarm devices provide fire detection and alarm system designers with a premium for life safety applications.

Features

- Visual, audible and audio/visual models available
- Four distinct alarm tones, selectable with DIP-switch
- Loop-powered from control and indicating equipment
- Operates when either a dedicated activation message is received from the control and indicating equipment, or optionally when the control and indicating equipment enters the Alarm Condition
- Loud 90 dB sounder output at 1 m
- Long-life LEDs
- Low quiescent current
- Easy DIP-switch address setting
- Integrated mounting backbox with latch
- Weather-proof models available
- Low maintenance

EN54 CE

Technical Specifications

Ancillary Outputs

Operating voltage	DC (21 ~ 30) V
Quiescent current	350 μ A
Start-up time	10 s
Alarm current	16 mA
Audible alarm output	\geq 90 dB (@ 1 m)
Visual alarm indicator	White LED
Audible alarm period	60 ms on / 650 ms off

Environmental

Ingress protection	IP-65
Operating temperature	(-10 ~ +55) °C (-10 ~ +55) °C
Operating humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	(-25 ~ +80) °C
Storage humidity	(0 ~ 98) % RH, non-condensing

Miscellaneous

Usable addresses per alarm loop	32
Terminal wiring	110 mm x 53 mm
Dimensions	(0.4 ~ 2.5) mm ²

Ordering Information

FL-A-AV-R-02	Addressable Audio/Visual Alarm Device
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