Addressable Modules

AAM Alarm Acknowledge Module

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Product Overview:

The Pertronic **Alarm Acknowledge Module (AAM)** allows the occupiers of tenant apartments to delay the call to the brigade by a fixed period, in the event of a possible false alarm, giving the tenant time to clear the cause of the alarm condition. This will greatly reduce the number of false alarm brigade calls. Should the cause of the alarm remain at the end of the fixed period, the brigade will be called automatically. This module complies with the Alarm Acknowledge Facility requirements in the first amendment 2004 of AS4428.1 1998 and is only supported by the F120A control panel.

Each **AAM** module is localised, having no influence outside its own apartment.

The **AAM** connects to the analogue loop using a single module address only; no additional power supply is required. An alarm within the apartment starts both an integral piezo (by mapping to the input module of the **AAM**) and an “acknowledge” time delay period in the panel. Pressing the **AAM** button during the acknowledge period sends an active event from the input module, which enables an “investigate” time period and silences the buzzer (if so configured). Failure to press the **AAM** button before the expiry of the acknowledge period, or clear the alarm before the expiry of the investigate period, results in a brigade call and all other global outcomes. The occupant is allowed one button press only per alarm cycle, and time delay periods cannot be adjusted by the occupant.

The buzzer can be tested by simply pressing the button for a few seconds until the buzzer sounds.

The **AAM** can also be used, with no changes at all, to meet the requirements of the Alarm Investigate Facility (AIF) using the F120A control panel.

Alarm Acknowledge Module (AAM)

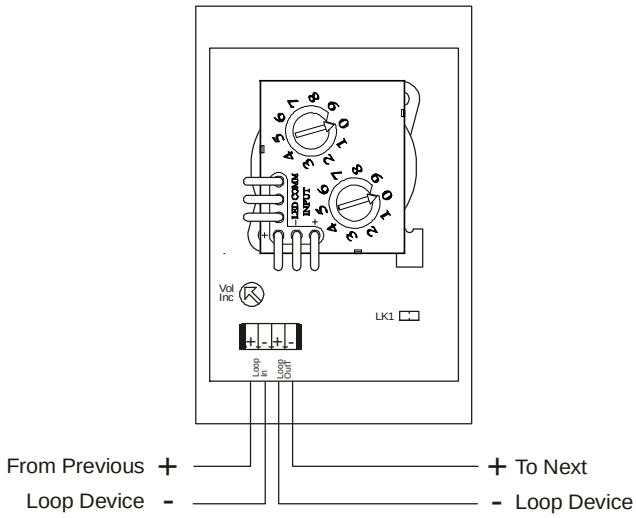
Standard Features:

- Fully compatible with F120A Alarm Acknowledge Facility
- Meets AS4428.1 requirements for the optional Alarm Acknowledge Facility (AAF)
- Local piezo sounder with Alert or ISO8201 T3 Evacuate tone output
- Volume control to suit local environments
- Button to acknowledge false alarms
- Loop powered and controlled, no additional cabling
- Low Power Consumption
- Decade address switches
- Fits standard single gang flush or surface electrical box
- Aesthetically designed for unobtrusive installation
- Buzzer test function

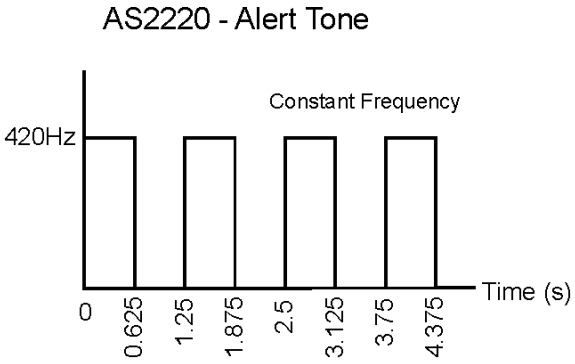
Specifications:

Size:	117mm (h) x 74mm (w) x 45mm (d) without backbox
Power Supply Current (normal):	Average 520µA @ 17Vdc (maximum volume)
Power Supply Current (alarm):	Average 6.5mA, peak 10mA @ 17Vdc (maximum volume)
Sound level:	64dB to 83dB @ 1m (min to max volume)
Communications:	Analogue Loop
Cable Requirement:	2 core twisted, in and out

Connection Diagram:



Tone Characteristics:



Installation/Commissioning:

- Wire the 2 core loop cable from the previous analogue loop device to the Loop In terminals
- Wire the 2 core loop cable from the Loop Out terminals to the next analogue loop device
- Set the address switches of the module to the required address (1 to 99)
- Ensure Link LK1 is fitted for the Alert tone in the event of an alarm (default)
- Program the control panel accordingly and test
- Adjust the volume of the tone as required
- Fit the module to the available surface or flush electrical box using the two screws provided
- Fit the module cover plate by simply pushing firmly into place

Ordering Information:

Description	Part Number
Alarm Acknowledge Module	AAM

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