Alarmed Rim Exit Devices provide a simple and effective way to deter unauthorized use of doors and warn of unauthorized openings.

Features

- Alarm function available with all 8000 Series Exit Devices.
- When the push bar is depressed, the alarm will sound to signal that the door has been opened. The alarm can be armed or disarmed by key and connected to a remote monitoring console.
- The alarm operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal.
- 4 adjustable alarm time settings – 1, 3, 5 minutes and continuous sound. Preset to continuous sound mode.
- The device includes a "EMERGENCY EXIT ONLY, PUSH TO OPEN ALARM WILL SOUND" red-worded label for application on the door. Alternatively, these red words can be printed directly on a stainless steel push bar trim directly instead of using a separate label.

Alarm Modules

There are 4 types of alarm modules available:

Type A – Monitoring push bar only (standard module)

The horn sounds when the push bar is depressed. Outside entry does not trigger the alarm, allowing free entry depending on the outside trim used. This type is suitable for exit de3vices without an outside lever (exit-only use).

Type B – Monitoring push bar and latch bolt

The horn sounds when either the latch bolt is retracted by operating the outside lever trim or the push bar is depressed.

Type C – Monitoring push bar and end cap

In addition to Type A functionality, this module triggers the alarm if someone attempts to remove the end cap to access the On/Off switch of the alarm kit.

Type D – Monitoring push bar, latch bolt and end cap

This module combines the functionalities of Type B and Type C, monitoring the push bar, latch bolt, and end cap.

Additional Monitor:

All alarm modules can be configured to send a signal to an external CCTV camera and DVR (Digital Video Recorder) when the controlled door is opened.

Applications

Alarmed exit devices are ideal for use in any location where controlled emergency exits are essential for security, including commercial buildings, apartment complexes, retail stores, educational institutions, healthcare facilities, and industrial environments.

Electrical Specifications

- Battery power: 9V alkaline
- Power Consumption: 150mA (max) in armed mode; 1.8W when sounding alarm
- Alarm volume: 103dB at 10cm distance
- Operating temp.: – 10°C to 55°C (14°F to 131°F)
- Relative humidity: 20% to 95% (non-condensing)
- Output port: Alarm signal open collector (O.C.) output provided

Key Control Operation

- Arm: Turn the key clockwise by one click to position A. The LED will turn red, indicating "Alarm On".
- Disarm: Turn the key counterclockwise by one click from position A to B to deactivate the alarm. If the alarm has been triggered, the LED will turn green for two seconds before resuming the red light. Green light indicates "Alarm Off".
- Service mode: Turn the key counterclockwise by two clicks. The LED will turn blue, indicating "Service" mode for maintenance.