

## Description

The 442 non-addressable audio/visual alarm devices are suitable for connection to 2-wire and 4-wire fire detection and alarm systems. 442 will operate with both non-addressable and addressable<sup>1</sup> fire detection control and indicating equipment. Activation is initiated upon connection of the operating voltage.

The 442 range of non-addressable audio/visual alarm devices provide fire detection and alarm system designers with an economical product for life safety applications.

## Features

- Visual, audible and audio/visual models available
- Synchronous operation model available
- Audio/visual alarm dual trigger model available
- Operates when the supply voltage is connected to the device
- Compatible with relay outputs from control and indicating equipment, or from an output module connected to addressable alarm circuit wiring
- DC 24 V operation
- Loud sounder output of 85 dB at 1 m
- Long-life LEDs
- Zero current load in quiescent condition
- Easy installation
- Low maintenance

## Compliance

442 non-addressable audio/visual alarm devices have the following compliance<sup>a</sup>.

	EN 54-3 <sup>b</sup>	EN 54-23 <sup>c</sup>	CE <sup>d</sup>
442-001	✓	—	✓
442-003	✓	✓	✓
442-004	✓	✓	✓
442-005	✓	✓	✓
442-008	✓	✓	✓

<sup>a</sup> Third-party conformance assessment has not been undertaken.

<sup>b</sup> EN 54-3 Fire alarm devices. Sounders

<sup>c</sup> EN 54-23 Fire alarm devices. Visual alarms

<sup>d</sup> Conformité Européenne

## Accessories

The following accessories are compatible with 442 audio/visual alarm devices.

Description	Part number	Datasheet
3-terminal 99 mm low profile continuity base	487-004	31-0117
5-terminal 99 mm low profile continuity base	487-008	31-0117
Mini output module	620-003	31-0028
Input/output module	621-002	31-0031



442 non-addressable audio/visual alarm

## Specifications

	442-001	442-003 442-005	442-004 442-008
<b>Power</b>			
Operating voltage	DC (17 ~ 30) V		
Quiescent current	0 A		
Start-up time	≤ 0.5 s		
<b>Alarm Condition</b>			
Alarm current	≤ 10 mA	≤ 8 mA	≤ 15 mA
Audible alarm output	≥ 85 dB @ 1 m	—	≥ 85 dB @ 1 m
Visual alarm indicator	Red LED		
Visual alarm flash period	—	130 ms on 475 ms off	
<b>Environmental</b>			
Operating temperature	(-10 ~ +55) °C		
Operating humidity	(0 ~ 95) % RH, non-condensing		
Storage temperature	(-25 ~ +80) °C		
Storage humidity	(0 ~ 98) % RH, non-condensing		
<b>Miscellaneous</b>			
Terminal wiring	(0.4 ~ 2.5) mm <sup>2</sup>		
Dimensions	Φ 110 mm × 53 mm		

## Ordering Information

	Audible Alarm	Visual Alarm	Synchronous	Dual Trigger
442-001	✓	—	—	—
442-003	—	✓	—	—
442-004	✓	✓	—	—
442-005	—	✓	✓	—
442-008	✓	✓	—	✓

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<sup>1</sup> May be used with Numens addressable output modules.