

### Description

The 640 addressable audio/visual alarm devices are suitable for connection to 2-wire addressable fire detection and alarm systems.

640 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 640 range of addressable audio/visual alarm devices provide fire detection and alarm system designers with a premium product for life safety applications.

### Features

- Visual, audible and audio/visual models available
- Red or white body available for audible alarm device
- 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 sounder output of 85 dB at 1 m
- Long-life LEDs
- Low quiescent current
- Easy DIP-switch address setting
- Low maintenance
- Quick alarm and shadow addressable options are available.

### Compliance

640 addressable audio/visual alarm devices have the following compliance.

	EN 54-3 <sup>a, c</sup>	EN 54-23 <sup>b, c</sup>	CE
640-001	✓	—	✓
640-002	—	—	✓
640-003	✓	✓	✓
640-004	✓	✓	✓

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

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

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

### Accessories

The following accessories are compatible with 640 audio/visual alarm devices.

Description	Part number	Datasheet
4-terminal 99 mm low profile continuity base, red	682-002	31-0036
4-terminal 99 mm low profile base, white	CN1021	31-0036



640 addressable audio/visual alarm

### Specifications

	640-001 640-002	640-003	640-004
Operating voltage	DC (17 ~ 30) V		
Quiescent current	650 $\mu$ A		
Start-up time	$\leq$ 10 s		
Alarm current	$\leq$ 8 mA	$\leq$ 5 mA	$\leq$ 10 mA
Audible alarm output	$\geq$ 85 dB @ 1 m	—	$\geq$ 85 dB @ 1 m
Audible alarm period	Continuous or pulse	—	Continuous or pulse
Visual alarm indicator	—	Red LED	Red LED
Visual alarm flash period (approx.)	—	50 ms on 820 ms off	50 ms on 820 ms off
Terminal wiring	(0.4 ~ 2.5) mm <sup>2</sup>		
Usable addresses per alarm loop	32		
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	$\Phi$ 110 mm $\times$ 53 mm		

### Ordering Information

	Audible Alarm	Visual Alarm	Red	White
640-001	✓	—	✓	—
640-002	✓	—	—	✓
640-003	—	✓	✓	—
640-004	✓	✓	✓	—

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