AI673

Conventional remote indicator with buzzer

General

The stylish Aritech AI673 optical/acoustic alarm indicators are designed for use with most types of addressable and conventional alarm detectors. The AI670 series is used in a 'conventional' mode and simply require DC power for operation.

Versions

These alarm indicators are available in two versions, each of which have the same modern housing design suitable for indoor environments.

The AI672 is an optical alarm indicator and has two, clearly visible, 10 mm red LEDs to communicate alarms. The AI673 is the optical and acoustic version, providing both visible and audible signals that are required in some applications.

Installation

The indicators may be mounted onto most types of mounting boxes using their universal mounting plate.

Cable insertion is made through the back of the indicator or via the knockouts at the sides of the polycarbonate housing. The wiring terminals have entrance diodes that allow connection of up to four detectors to the indicator if required. Alternatively, it is possible to create an alarm sequence with a series of indicators linked to one detector.

Two switches allow the installer to select the most suitable LED operation - flashing or continuously on. The unique design of the units allows a very low power consumption averaging at only 4 mA nominal. The alarm indicators are protected against accidental polarity reversal.



Details

- Wide operating voltage
- Low current consumption
- Universal mounting plate
- Low profile
- Clearly visible, large LEDs
- Protected against polarity reversal
- Connects to up to 4 detectors
- Blinking or fixed LED configurable
- High sound output

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Technical specifications

General

Compatibility	Aritech 700/2000 & Kidde Excellence series devices
Monitoring	Unmonitored

Electrical

Power supply type	VDC
Operating voltage	6 to 28 VDC
Current consumption	4 mA nominal 7.5 mA at 28 VDC
Number of connection terminals	5
Cable size	0.75 to 1.5 mm²

Sounder

Output level	80 dB @ 10 cm
Output level adjustment	No
Frequency	4 kHz
Selectable tones	1
Synchronization	Not supported

VID

Colour	Red
Rating	200 µcd
Flash frequency	±1.3 Hz ±78 flashes/min
Synchronization	Not supported

Physical

Physical dimensions	80 x 30 x 80 mm (W x H x L)
Net weight	± 55 g
Colour	Pure white (RAL 9010)
Mounting type	Base mount
Mounting position	Ceiling, Wall
Mounting base	Shallow
Material	Polycarbonate (self-extinguishing)

Environmental

Vandal proof	No
Operating temperature	−5 to +40°C
Storage temperature	−20 to +50°C
Relative humidity	10 to 95% (noncondensing)
Environment	Indoor
IP rating	IP30

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CE

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