1-23900-K217

Apollo XP95 Intelligent Open-Area Sounder/Indicator with Isolator (55000-005)

General

The 1-23900-K217 is an intelligent loop powered open-area sounder/beacon in RED with a built in isolator. It is designed for use in indoor or outdoor applications. A locking mechanism is included to prevent unauthorized removal of the device from its base.

Isolation and Maintenance

The 1-23900-K217 sounder/beacon is supplied with an isolating base. A yellow LED on the base is illuminated if a loop short circuit is detected. All fault and abnormal conditions such as sounder and/or beacon failures are reported back to the panel for easy fault finding.

Sounder Tone and Volume Support

During commissioning the sounder volume can be adjusted on location without disassembly or removal. With the CIE in "setup" mode, the commissioning engineer is able to adjust the volume using a magnetic wand. Once all sounders have been adjusted, "setup" mode on the CIE is cancelled and all sounder volume levels are stored in the sounder.

Beacon

The 1-23900-K217 incorporates a RED beacon with a flash rate of 1 Hz. The beacon can be separately controlled from the sounder, programmable from the CIE.



Details

- Multiple functions at one location
- Self-test fault monitoring
- Individual control of the sounder and visual indicator
- Tones may be used for other purposes than warning of fire
- Soft start option, ideal for hospitals and nursing homes
- Volume and tone settings can be selected from the control panel
- Group and global control for increased response time
- Self-test fault monitoring
- Alarm synchronisation
- Loop powered
- Including loop isolator

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Technical specifications

General

Compatibility	Apollo protocol systems
Addressing method	DIL switch
Monitoring	Activated, Device removal, Fault

Electrical

Power supply type	Loop powered
Operating voltage	17 to 28 VDC
Current consumption	Quiescent: 330 µA at 24 VDC Switch on surge (<1s): 1.2 mA at 24 VDC Alarm (Sounder/Beacon max. volume): 8.2 mA at 24 VDC Alarm (Sounder only): 5.1 mA at 24 VDC Alarm (Beacon only): 3.1 mA at 24 VDC
Number of connection terminals	5

Sounder

Output level	100 dB(A) @ 90° ± 3dB(A) (tone dependant)
Output level adjustment	2 Levels
Frequency	Tone dependant
Selectable tones	3

VID

Colour	Red
Flash frequency	1 Hz
Synchronization	Supported

Physical

Physical dimensions	97.5 x 104 mm (d x dia)
Net weight	260 g
Colour	Red
Mounting type	Base mount
Mounting position	Ceiling, Wall
Mounting base	Deep
Material	Moulded polycarbonate
Texture	Smooth

Environmental

Vandal proof	No
Operating temperature	-10 to +55°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor, Outdoor
IP rating	IP65

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54-3

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