ADDRESSABLE SOUNDER VISUAL INDICATOR A9091T

Features

- Meet both EN54-3 and EN54-23;
- Designed with an upper cover and a lower cover and installed on an independent base, it can be installed,debugged and maintained conveniently;
- Suitable for wall and ceiling mount application
- Providing 16 tones;
- Highly efficient LED technology and specially designed lens;
- Light output synchronization.

Description

A9091T Intelligent Sounder Beacon can give audible and visual alarms after being connected to a DC24V power supply and a bus loop. It can be used with a bus-type fire alarm control panel. After receiving a start command given by the fire alarm control panel following an accident, the Sounder Beacon will begin to work. At this moment, the Sounder Beacon will give a dazzling visual alarm signal and a harsh audible alarm signal ,to remind the persons on the scene of the accident , the fact that a fire has occurred on the site ,quickly and necessity to take related evacuation measures, thus preventing the fire accident from becoming a major one.

The Sounder Beacon may be used to give audible alarms and visual alarms at the scenes of accidents. It is applicable to places like high-rise residential buildings, public places, hotels, amusement buildings, factories, shopping centers, hospitals, schools, office buildings and stock exchanges, and particularly to places with low visibility or the possibility of generation of smoke.

Loop input	DC24V(18-28V),≤1mA(monitoring status),≤3mA(alarm status)
Power input	DC24V(20-28V),≤4mA(monitoring status),≤130mA(alarm status)
Power consumption	≤3.2W@DC24V
EN54-23 Coverage	C-3-8/W-2.4-6(coverage volume see the following figures)

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Flash Color and Frequency	White, 0.5Hz
Light Output Synchronization	Meets EN54-23
Sound Level	See the following table" Sound Level Data"
Ingress Protection Rating	IP21C
Operating Temperature	-10°C ~ +55°C
Relative Humidity	≤95%, non condensing
Material of Lens/Body	Flame retardant PC/ABS
Dimension	φ100mm×100.5mm(with the base)
Mounting Hole Spacing	45mm ~ 70mm
Weight	About 270g (with the base)

C-3-8		
X	Z	V(m3)
8m	3m	150.8
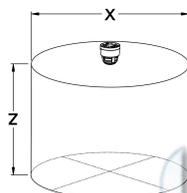
| W-2.4-6			
X	Y	Z	V(m3)
6m	6m	2.4m	86.4
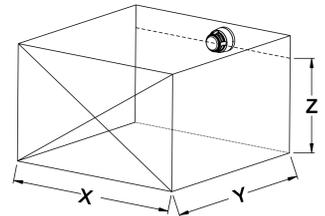
Fig. 1 Ceiling mount coverage volume   Fig. 2 Wall mount coverage volume

Table:Sound Level Data(EN54-3 approved)

Tone1:667Hz-2000Hz@0.22Hz,Max Volume,dB(A)@1m

Angle	Horizontal		Vertical	
Voltage	20V	28V	20V	28V
15°	77.5	81	78.1	81.4
45°	77.9	81.1	78.4	81.7
75°	84.4	88.1	84.8	88.6
105°	84.6	87.7	84.7	87.9
135°	77.3	80.4	76.6	80
165°	77.9	81.3	77.5	81.5

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