

2-WIRE ADDRESSABLE SOUNDER BEACON

BP-FD-ASIR307



OVERVIEW

BP-FD-ASIR307 Intelligent Sounder Beacon can give audible after being connected to 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 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 at the scenes of accidents. It is applicable to places like high-rise residential buildings, public places, hotels, amusement buildings, factories, shopping centres, hospitals, schools, office buildings and stock exchanges, and particularly to the places with a low visibility or the possibility of generation of smoke.

FEATURES

- Meet EN54-3
- 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.
- Highly efficient LED technology and specially designed lens.
- Has a temperature, humidity and dust accumulation drift compensation function and a sensor fault detection function (fault reporting to fire alarm control panel)
- Has a dynamic algorithm, providing transient rejection and compensation for drift whilst maintaining accurate sensitivity

SPECIFICATION

Model: BP-FD-ASIR307	
Technical Parameters	
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)
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	IPC21C
Operating Temperature	-10°C ~ +50°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)
Loop input	DC24V (18-28V), ≤1mA (monitoring status), ≤3mA (alarm status)