

LPCB

# C-9404 Conventional Sounder



### Description

C-9404 Conventional Sounder is an audible notification device. In case of fire condition, the sounder will generate strong audible alarm signal to warn people evacuate from the building.

## **Features and Benefits**

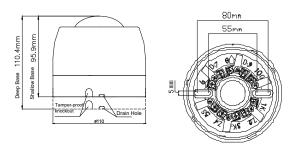
- 2 selectable tones
- LPCB approved
- Standard: EN 54-3

### **Certificates and Compliance**

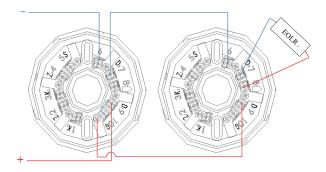
- Standards: EN54-3
- Certifications: LPCB

### **Terminals and Installation Holes**

Below figures show the installation dimensions of the sounder and terminals on the base.



G(10), D1(9), D2(7): Connecting with 24VDC power, polarity-sensitive. G connects with positive output, D1 with positive input and D2 with negative.



## **Recommended Cabling**

 $1.5 \mbox{mm}^2$  or above fire cable is recommended , but subject to local codes.



IMPORTANT: This publication is a generic version in which product information is shown for informational purposes only and does not constitute a specific commitment or guarantee. We are constantly pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.

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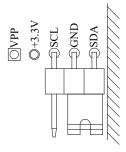
## Application

The sounder has 2 tones.

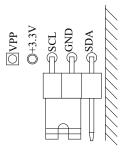
Tone	Description
01	2800Hz 0.34s off/0.4s on
02	2400Hz -2900Hz @3Hz

Factory default is at Tone 1. Below figures show the configuration method. The back cover should be opened to change the setting.

1. Tone 1: Jumper should be inserted in two pins on the edge of board as shown below.



2. Tone 2: Jumper should be inserted in two pins on the other side as shown below.



## Sound Level Data (EN54-3 approved)

Tone 2800Hz 0.34s off/0.4s on. Alarm Volume

Maximum Volume dB(A)						
	Horizontal Plane		Vertical Plane			
Angle	Min20V	Min28V	Min20V	Min28V		
15°	74.4	74.3	75.7	70.1		
45°	87.8	88.3	88	87.7		
75°	95.5	95.2	94.7	94.8		
105°	95.8	95.6	97.7	97.1		
135°	89.2	89.9	90.4	90.2		
165°	83.3	83.7	79.9	80.1		

Tone 2400Hz-2900Hz @ 3Hz. Alarm volume

Maximum Volume dB(A)						
	Horizontal Plane		Vertical Plane			
Angle	Min20V	Min28V	Min20V	Min28V		
15°	83.5	86.5	82.2	85.2		
45°	87.3	89.6	86.4	89.9		
75°	94	96.7	93.6	96		
105°	94.2	96.6	94.2	97		
135°	87.3	90.6	88.2	91.2		
165°	92	95.1	82.9	85.5		

## **Technical Specification**

Operating Voltage	Power: 24V (20V~28V)
Operating Current	Start current ≤35mA
Power Consumption	0.84W
Indoor Application	Туре А
Sound Level	Tone 1: Minimum sound level 95db (1 meter in front) Tone 2: Minimum sound level 95db (1 meter in front)
Ingress Protection Rating	IP33C
Operating Temperature	-10°C ~ +50°C
Relative Humidity	≤95%, non condensing
Material of Enclosure and Color	ABS, red
Dimension (D×H)	φ110mm×110.4mm (deep base) φ110mm×95.9mm(shallow base)
Mounting Hole Spacing	55mm ~ 80mm
Weight	About 355g (deep base) About 327.2g (shallow base)

#### **Ordering Information and Compatible Products**

Part No.	C-9404	
Device Name	Conventional Sounder Strobe	
Product No.	10104816	
	GST102A – GST116A Conventional Panels	
Compatible Products	I-9301 Addressable Single Output Module	
	DI-9305E Digital Single Riser Output Module	

## Accessories and Tools



Part No.: Device name: Product No.:

C-94DB Deep Base 30203792



**Carrier World Headquarters** 13995 Pasteur Boulevard Palm Beach Gardens, Florida 33418 USA

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