

LPCB

# C-9403 Conventional Sounder Strobe



# Description

C-9403 Conventional Sounder Strobe is an audible and visual notification device. In case of fire condition, the sounder strobe will generate strong audible and visual alarm signal to warn people evacuate from the building.

## **Features and Benefits**

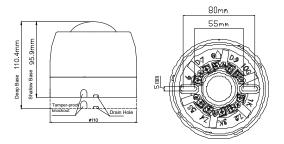
- Strobe provided by high intensity LED cluster
- 2 selectable tones
- LPCB approved
- Standard: EN 54-3

## **Certificates and Compliance**

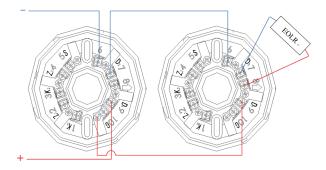
- Standards: EN54-3
- Certifications: LPCB

## **Terminals and Installation Holes**

Below figures show the installation dimensions of the sounder strobe 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**

1.5mm<sup>2</sup> 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 in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product 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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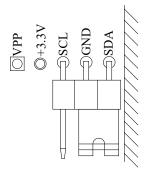
# Application

The sounder strobe has 2 tones.

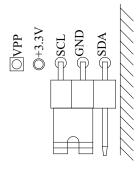
Tone		Description
	01	2800Hz 0.34s off/0.4s on
	02	2400Hz -2900Hz @3Hz

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. Max Volume

Angle	Horizontal		Vertical	
Voltage	20V	28V	20V	28V
15°	77.8	79.2	79.9	79.5
45°	86.5	79.4	86.7	88.6
75°	88.0	90.3	88.4	90.3
105°	88.6	90.4	88.5	90.0
135°	87.2	79.1	86.7	79.3
165°	76.7	80.1	76.6	81.7

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

Angle	Horizontal		Vertical	
Voltage	20v	28v	20v	28v
15°	83.6	86.5	88.5	87.2
45°	91.9	93.7	90.5	94.5
75°	91.8	94.7	91.3	94.7
105°	91.8	94.9	91.6	94.1
135°	91.3	94.4	91.9	93.3
165°	84.9	88.1	85.7	87.9

# **Technical Specification**

Operating Voltage	Power: 24VDC (20V~28V)		
Operating Current	Start current ≤35mA		
Flash Frequency	2.0×(1±20%)Hz		
	Tone 1: not lower than 95dB (at 1m		
Sound Level	distance)		
Souria Lever	Tone 2: not lower than 95dB		
	(at 1m distance)		
Ingress Protection Rating	IP33C		
Operating Temperature	-10°C ~ +50°C		
Relative Humidity	≤95%, non condensing		
Material of Enclosure	ABS		
Dimension	φ110mm×110.4mm (deep base)		
(D×H)	φ110mm×95.9mm(shallow base)		
Mounting Hole Spacing	55mm ~ 80mm		
Weight	About 355g (deep base) About 327.2g		
Weight	(shallow base)		

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

Part No.	C-9403	
Device Name	Conventional Sounder Strobe	
Product No.	10106299	
	GST102A – GST116A Conventional Panels	
Compatible Products	I-9301 Addressable Single Output Module	
	DI-9305E Digital Single Riser Output Module	

# Accessories and Tools



C-94DB Part No.: Device name: Product No.:

Deep Base 30203792

