

BUZZER CUM FLASHER – MODEL BZ-4

Technical Datasheet | Operating Voltage: 110V DC

Product	MIMIC Buzzer Cum Flasher
Model	BZ-4
Voltage Version	110V DC
Mounting	Panel Mounting – 22.5 mm Cutout

Product Description

The MIMIC BZ-4 Buzzer Cum Flasher is a compact industrial warning device that combines an audible buzzer and flashing LED indicator in one unit. It is designed for electrical control panels, industrial automation, machinery, process control, alarm and safety warning applications. Its compact panel-mount construction helps save panel space while providing clear audible and visual indication.

1. Key Features

- Integrated buzzer and flashing LED indicator in one unit; saves panel space.
- Loud 90 to 105 dB audible alarm with bright LED flash.
- 22.5 mm standard panel cutout for easy installation.
- Compact 30 × 40 mm housing.
- IP54-rated front for dust and water protection.
- Low power consumption and reliable solid-state design.
- Maintenance-free, long-life LED.

2. Electrical Specifications

Operating Voltage	110V DC
Current	13 mA
Voltage Tolerance	±20%
Power Consumption	< 5 VA / < 50 mA
Operating Mode	Buzzer Beeping & Flashing at a time
Sound Output	90 dB at 1 meter
Tone Type	Intermittent Beeping
Flash Rate	60 flashes/minute (1 flash per second)
LED Colour	Red
Duty Cycle	Continuous Rated
Protection	Reverse Polarity Protected

3. Mechanical Specifications

Enclosure	PBT, Flame Retardant Body UL94V0
Glowing Cap	Polycarbonate
Mounting	Panel mounting, 22.5 mm cutout
Overall Size	32 × 42 × 80 mm
Behind Panel	60 mm
Weight – Main Unit	56 gm
Weight – With Carton	64 gm

MIMIC

BZ-4 – TECHNICAL & ORDERING INFORMATION

4. Packaging Specifications

Carton Size	44 (L) × 34 (W) × 86 cm
No. of Units in One Main Carton	35 units
Main Carton Size	225 (L) × 190 (W) × 125 mm
Main Carton Weight	2 Kg 300 gram with 35 units

5. Connection Details

Connection	+12V, 0V to Pin 1 & 2 respectively
Connection Wires	1.5 to 2.5 mm ² × 2 Nos.

6. Product Comparison

Old System	MIMIC Buzzer Cum Flasher
Separate Buzzer	Integrated Buzzer
Separate Lamp	Integrated Flashing LED
Separate Flasher Relay	Integrated Flasher
Multiple components	All-in-one unit

7. Applications

- Control Panels & Distribution Boards
- Industrial Automation & Machinery
- Process Control & Monitoring Systems
- Alarm & Safety Warning Systems
- HVAC & Building Management
- Material Handling & Conveyors

8. Warranty

Warranty: 12 Months

9. Ordering Details

Ordering Code	BZ-4
Ordering Name	MIMIC Buzzer Cum Flasher, Model: BZ-4, Voltage: 110V DC
Ordering Email ID	mimic.sales@gmail.com
Ordering Phone (WhatsApp)	9321155319
Technical Inquiry	9321252022

10. Ordering Address

Steam Airetric Controls

Plot No. A/34, Additional Ambarnath MIDC,
Anand Nagar, Ambarnath (E), Dist. Thane,
Maharashtra, India – 421506