

MIMIC®

TECHNICAL SPECIFICATION DATASHEET

BUZZER CUM FLASHER • MODEL BZ-2 • 230 V AC

PRODUCT DESCRIPTION

The MIMIC BZ-2 Buzzer Cum Flasher is a high-performance industrial audio-visual signalling device designed to provide simultaneous audible and visual warning in one compact unit. It combines an electronic buzzer with a bright flashing LED to provide immediate warning during equipment faults, process alarms, emergency conditions and safety events.

The BZ-2 is suitable for electrical control panels, industrial automation, machinery, OEM equipment, manufacturing plants, process control and industrial safety applications. Its PBT body and polycarbonate glowing cap provide durable construction for demanding industrial environments.

KEY FEATURES

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

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Operating Voltage	230 V AC
Current	35 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 / second)
LED Colour	Red
Duty Cycle	Continuous Rated
Protection	Reverse Polarity Protected

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Enclosure	PBT, Flame Retardant Body – UL94 V-0
Cap	Polycarbonate, Glowing Cap
Mounting	Panel Mounting, 22.5 mm Cutout
Overall Size	32 × 42 × 80 mm
Behind Panel	60 mm
Weight – Main Unit	56 g
Weight – With Carton	64 g

BZ-2 • APPLICATION, PACKAGING & ORDERING DATA

MIMIC BUZZER CUM FLASHER – MODEL BZ-2

PACKAGING SPECIFICATIONS

PARAMETER	SPECIFICATION
Carton Size	44 (L) × 34 (W) × 86 cm
Units in One Main Carton	35 units
Main Carton Size	225 (L) × 190 (W) × 125 mm
Main Carton Weight	2 kg 300 g with 35 units

CONNECTION DETAILS

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

SYSTEM COMPARISON

SYSTEM	CONFIGURATION
Old System	Separate Buzzer + Separate Lamp + Flasher Relay
MIMIC BZ-2	All-in-One Buzzer Cum Flasher

APPLICATIONS

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

BENEFITS

The BZ-2 combines audible and visual warning functions in one device, reducing the need for separate signalling components. The bright flashing LED improves visual awareness while the electronic buzzer provides an attention-grabbing audible alarm. Its compact construction helps simplify panel installation and save space.

ORDERING DETAILS

PARAMETER	SPECIFICATION
Ordering Code	BZ-2
Ordering Name	Mimic Buzzer Cum Flasher, Model: BZ-2, Voltage: 230 V AC
Ordering Email ID	mimic.sales@gmail.com
Ordering Phone (WhatsApp)	9321155319
Technical Inquiry	9321252022

WARRANTY

12 Months

ORDERING ADDRESS

Steam Airetric Controls

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