

MIMIC®

TECHNICAL SPECIFICATION DATASHEET

BUZZER CUM FLASHER • MODEL BZ-3 • 12-24V AC/DC

PRODUCT DESCRIPTION

The MIMIC BZ-3 Buzzer Cum Flasher is a compact industrial audio-visual signalling device designed to provide simultaneous audible and visual warning in one unit. It combines an electronic buzzer with a bright flashing LED, helping operators receive immediate warning during equipment faults, process alarms, emergency conditions and safety events.

KEY FEATURES

- Integrated buzzer & 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 & water protection.
- Low power consumption and reliable solid-state design.
- Maintenance-free, long-life LED.

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Brand	MIMIC
Model	BZ-3
Operating Voltage	12-24V AC/DC
Current	16 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; With Carton: 64 g

BZ-3 • PACKAGING, APPLICATION & ORDERING DATA

MIMIC BUZZER CUM FLASHER • 12-24V AC/DC

PACKAGING SPECIFICATIONS

PARAMETER	SPECIFICATION
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 g with 35 Units

CONNECTION DETAILS

PARAMETER	SPECIFICATION
Connection	+12V, 0V 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 Buzzer Cum Flasher	All in One

WARRANTY

12 Months

APPLICATIONS

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

ORDERING DETAILS

PARAMETER	SPECIFICATION
Ordering Code	BZ-3
Ordering Name	Mimic Buzzer Cum Flasher, Model: BZ-3, Voltage: 12-24V AC/DC
Ordering Email ID	mimic.sales@gmail.com
Ordering Phone (WhatsApp)	9321155319
Technical Inquiry	9321252022

ORDERING ADDRESS

Steam Airetric Controls

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