

MIMIC

M SERIES RINGER | MODEL MR

TECHNICAL DATA SHEET

Product Overview

The **MIMIC M Series Ringer (Model MR)** is an industrial audible signalling device designed for electronic control panels, industrial machinery, automation systems and process-control applications. It produces a high-pitch, high-frequency fast-beeping sound similar to a telephone ringer to alert operators to equipment conditions and events.

Key Features

- High-pitch, high-frequency fast-beeping sound similar to a telephone ringer
- Sound output: 100–110 dB, as stated in the supplied brochure
- Audible range: up to 50 metres, as stated in the supplied brochure
- ABS main body with fire-retardant PBT connector body
- 22.5 mm panel cut-out
- IP54 protection rating
- Listed voltage ratings across AC, DC and AC/DC variants
- Direct ON control
- Voltage fluctuation range: ±15%, as stated
- Durability: over 10,000 cycles, as stated

Technical Specifications

PARAMETER	SPECIFICATION
Brand	MIMIC
Product Name	MIMIC M Series Ringer
Model / SKU	MR
Model Series	M Series
Product Type	Industrial Audible Signalling Device
Sound Type	High-pitch, high-frequency fast beeping, similar to a telephone ringer
Sound Output	100–110 dB, as stated in the brochure
Audible Range	Up to 50 metres, as stated in the brochure
Listed Voltage Ratings	12V, 24V, 48V, 110V, 230V
Supply Types	AC, DC, and AC/DC variants, as listed; confirm exact model compatibility
Voltage Fluctuation Range	±15%
Control	Direct ON
Electrical Connection	2 × 2.5 mm² wires
Compatible Copper Conductor	AWG 20–14
Main Body Material	ABS
Connector Body Material	Fire-retardant PBT
Body Colour	Opal White
Overall Dimensions	105 mm length × 60 mm diameter*
Panel Cut-out	22.5 mm
Mounting Plate Thickness	1–6 mm

PARAMETER	SPECIFICATION
Protection Rating	IP54
Operating Temperature	40 to 80°C, as printed in the brochure
Storage Temperature	30 to 75°C, as printed in the brochure
Insulation Resistance	1000 MΩ minimum, as printed in the brochure
Impulse Withstand Voltage	+4500 V, 3 times for each pole (1.2/50 μs), as printed
Shock Resistance	490 m/s ²
Durability	Over 10,000 cycles
Applicable Standards	IEC 60947-5-1, IEC 60947-1
Manufacturer	Steam Airetric Controls
Manufacturing Location	Ambarnath, Maharashtra, India

M SERIES RINGER | MODEL MR

APPLICATION & INSTALLATION NOTES

Applications

Electronic control panels; electrical control panels; industrial machinery; industrial automation systems; process-control applications; factory and production equipment; operator panels; industrial warning and signalling systems requiring telephone-ringer-style audible alerts.

Installation & Connection

Verify the exact model and rated supply voltage before installation. Confirm the 22.5 mm panel cut-out and mounting plate thickness. Isolate the power supply before wiring. Follow the wiring diagram and terminal markings for the selected variant; the supplied brochure does not provide a definitive pin-by-pin terminal assignment for Model MR. After installation checks, perform a controlled functional test.

Manufacturer Details

Steam Airetric Controls

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

Phone: 9821252022 | Email: mimic.sales@gmail.com

Website: www.mimicproducts.in | Made in India