

STEAM AIRETRIC CONTROLS	BRAND: MIMIC
INDUSTRIAL AUDIBLE & VISUAL SIGNALLING	MODEL / SKU: MIMIC-MBF-AA

MIMIC M-Series Buzzer Cum Flasher with Audio Accept

TECHNICAL DATA SHEET | SKU: MIMIC-MBF-AA | PROTECTION: IP54

An industrial audible and visual signalling device for electrical control panels, machinery, automation systems and fault-warning applications. It combines a high-pitch audible alarm with a flashing light and includes a built-in audio-accept circuit.

Working Principle

When the rated supply is applied to terminals 1 and 2 through the fault contact, the buzzer sounds and the flasher starts flashing. The audio-accept circuit is built into the unit. An external push button connected across terminals 3 and 4 cancels the audible alarm; the flasher continues operating while the main supply remains ON. When the fault contact switches OFF the supply to terminals 1 and 2, the buzzer and flasher stop, and the circuit automatically resets.

Technical Specifications

PARAMETER	SPECIFICATION
Brand	MIMIC
Product Name	M-Series Buzzer Cum Flasher with Audio Accept
SKU / Model	MIMIC-MBF-AA
Product Type	Audible and visual signalling device
Audible Alarm	High-pitch sound
Sound Level	90–110 dB, as specified
Visual Indication	Flashing light
Audio-Accept Circuit	Built into the device
Audio Cancellation Control	External push button across terminals 3 and 4
Main Supply Connection	Terminals 1 and 2 through fault contact
Flashing Frequency	1 second ON / 0.5 second OFF, as specified
Available DC Voltages	12V, 24V, 48V, 110V, 220V DC
Available AC Voltages	24V, 110V, 230V AC
Maximum Power Consumption	5 W, as specified
Body Material	ABS, as specified
Cap Material	Polycarbonate, as specified
Dimensions	105 mm length × 60 mm diameter, as specified
Panel Cutout	22.5 mm
Mounting Type	Panel mount
Protection Rating	IP54
Available Colours	Red, Green, Amber, Blue, White, as listed

Terminal Connections

Terminals 1 & 2: Main supply through the fault contact.
Terminals 3 & 4: External push button for audio cancellation.
After audio cancellation, the flasher continues while the main supply remains ON. When the fault-contact supply is switched OFF, the flasher stops and the circuit automatically resets.

Key Features & Applications

Features: Built-in audio-accept circuit; external push-button control; independent continuation of flashing after audio cancellation; automatic reset when supply is removed; IP54 protection; 22.5 mm panel cutout.
Applications: Electrical control panels, industrial machinery, automation systems, annunciator systems, process monitoring, parking systems and industrial fault indication.

Installation Note

Verify the rated voltage variant, terminal assignment and wiring diagram before installation. Isolate the supply before wiring. Technical values other than the corrected operating details and IP54 rating are retained from the supplied product information and should be checked against approved product records.

Company Contact Details

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