

STEAM AIRETRIC CONTROLS | MIMIC

TECHNICAL DATA SHEET

CZ-4 Continuous Buzzer • 220V DC

Product	Industrial Continuous Audible Buzzer
Model	CZ-4
Operating voltage	220V DC
Operating function	Continuous ON while the compatible supply/control signal is applied

Product Description

The **MIMIC CZ-4 Continuous Buzzer 220V DC** is intended to provide a steady, high-pitch audible warning in compatible DC control circuits. Typical uses include electrical control panels, automation systems, PLC panels, machinery, switchgear and industrial equipment. It can indicate an active warning, fault, machine condition, process status or operator notification, depending on the control circuit design.

Key Features

- 220V DC operating voltage
- Continuous / steady audible signalling while energized
- Intended for industrial warning and status-indication circuits
- Suitable for compatible control panels and automation equipment
- Compact panel-mount format; verify dimensions before panel cut-out

Technical Specifications

PARAMETER	SPECIFICATION
Brand	MIMIC
Model	CZ-4
Product name	Continuous Buzzer 220V DC
Product type	Industrial continuous audible buzzer
Operating voltage	220V DC
Operating function	Continuous ON
Sound output	90–105 dB
Sound type	Continuous / steady tone
Mounting	Panel mount
Panel cut-out	22.5 mm
Mounting plate thickness	2–3 mm
Connection	2.5 mm ² × 2
Main body material	Fire-retardant PBT
Cap material	Polycarbonate
Rated insulation voltage	250 VAC/DC
Insulation resistance	1000 MΩ
Durability	Over 10,000 cycles
Shock resistance	490 m/s ²

PARAMETER	SPECIFICATION
Protection rating	IP20
Operating temperature	–20°C to +60°C
Storage temperature	–30°C to +75°C
Relative humidity	80% max.
Maximum altitude	2000 m
Current rating / power consumption	Not specified
Country of origin	India
Application	Industrial audible signalling

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Typical Applications

- Electrical control panels, PLC panels and automation control panels
- Motor control panels, switchgear and electrical distribution equipment
- CNC machines, production machinery and packaging machines
- Conveyor systems, material-handling equipment and process equipment
- Machine warning circuits, fault indication and operator notification
- Industrial alarm and audible status-indication systems

Operating Principle

The buzzer is intended to sound when a compatible 220V DC supply or control signal is applied. The audible signal remains active while the circuit energizes the device, subject to the control logic and wiring arrangement. Actual sound output and operating behavior should be confirmed against the manufacturer's CZ-4 documentation.

Installation & Safety

- **Verify the voltage:** connect only to a compatible 220V DC circuit.
- **Do not assume AC compatibility:** do not connect to 220V AC unless the manufacturer explicitly rates the unit for AC operation.
- **Check terminal details:** confirm terminal markings, wire size, polarity (if applicable) and wiring instructions before installation.
- **Confirm panel dimensions:** verify cut-out, mounting thickness and clearances before drilling or fitting.
- **Check environment:** confirm IP rating, temperature range and other environmental limits for the actual CZ-4 model.
- **Qualified installation:** installation and servicing should be performed by suitably qualified personnel with the circuit isolated and made safe.

Product Selection Note

Select the CZ-4 after checking the operating voltage, electrical characteristics, sound level, mounting dimensions, protection rating and environmental limits for the intended installation. Application suitability depends on the installation and circuit design.

MIMIC • Steam Airetric Controls | Product information should be checked against the latest manufacturer documentation.