

## Eaton BAB2060

# Eaton BAB2060 Miniature Circuit Breaker User Manual

Model: BAB2060

## INTRODUCTION

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This manual provides essential information for the safe and effective installation, operation, and maintenance of your Eaton BAB2060 Bolt-On Mount Type BAB Industrial Miniature Circuit Breaker. Please read this manual thoroughly before installation or use.

## IMPORTANT SAFETY INFORMATION

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**WARNING: Risk of Electric Shock or Fire. Installation and servicing must be performed by qualified personnel only. Disconnect power before working on electrical equipment.**

- Always turn off the main power supply at the service panel before installing or servicing the circuit breaker.
- Use appropriate personal protective equipment (PPE) such as insulated gloves and safety glasses.
- Ensure all wiring connections are secure and meet local electrical codes.
- Do not use this device if it appears damaged.

## PRODUCT OVERVIEW

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The Eaton BAB2060 is a 2-pole, 60 Amp miniature circuit breaker designed for bolt-on mounting in compatible load centers and panelboards. It provides overcurrent protection for electrical circuits, safeguarding wiring and equipment from damage due to overloads and short circuits.



*Image of the Eaton BAB2060 Bolt-On Miniature Circuit Breaker, showing its two poles and bolt-on terminals at the top.*

## INSTALLATION INSTRUCTIONS

1. **Preparation:** Ensure the main power to the electrical panel is OFF. Verify with a voltage tester.
2. **Locate Slot:** Identify an available slot in your compatible Eaton load center or panelboard for a 2-pole breaker.
3. **Mounting:** Align the bolt-on terminals of the BAB2060 breaker with the corresponding bus bar studs in the panel. Securely fasten the breaker using the provided mounting bolts. Ensure a tight connection to prevent arcing.
4. **Wiring:** Connect the circuit wires to the appropriate terminals on the breaker. For a 2-pole breaker, connect one hot wire to each terminal. Ensure wire gauges are appropriate for 60 Amp service. Tighten terminal screws to the manufacturer's specified torque.
5. **Panel Cover:** Replace the panel cover, ensuring all openings are properly sealed.
6. **Restore Power:** Turn the main power supply back ON. Test the circuit breaker by turning it ON and OFF.

## OPERATION

The Eaton BAB2060 circuit breaker operates as an automatic electrical switch designed to protect an

electrical circuit from damage caused by overcurrent, typically resulting from an overload or short circuit. Its basic operation involves two states: ON and OFF.

- **Turning ON:** Push the breaker handle firmly to the 'ON' position. This connects the circuit to the power supply.
- **Turning OFF:** Push the breaker handle firmly to the 'OFF' position. This disconnects the circuit from the power supply.
- **Tripped State:** If an overload or short circuit occurs, the breaker will automatically 'trip' to an intermediate position (often between ON and OFF, or fully OFF depending on the design). This indicates a fault and disconnects power to the circuit.
- **Resetting a Tripped Breaker:** To reset a tripped breaker, first move the handle completely to the 'OFF' position, then push it firmly to the 'ON' position. Before resetting, identify and resolve the cause of the trip (e.g., unplug overloaded devices).

## MAINTENANCE

Eaton circuit breakers are designed for long-term, maintenance-free operation under normal conditions. However, periodic visual inspection is recommended.

- **Visual Inspection:** Annually inspect the breaker and its connections for any signs of damage, discoloration, loose wires, or corrosion. Ensure the breaker handle moves freely.
- **Cleaning:** If necessary, gently clean the exterior of the breaker with a dry, lint-free cloth. Do not use liquids or abrasive cleaners.
- **Professional Check:** If you notice frequent tripping, unusual noises, or any signs of damage, consult a qualified electrician for inspection and potential replacement.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Breaker trips frequently	Overloaded circuit; Short circuit; Faulty appliance; Loose connection	Reduce load on circuit; Unplug faulty appliances; Check for short circuits; Tighten connections; Consult electrician if problem persists.
Breaker won't reset	Persistent fault (overload/short); Internal breaker damage	Ensure all appliances are unplugged from the circuit; Try resetting again (OFF then ON); If it still won't reset, the breaker may be faulty and needs replacement by a qualified electrician.
No power to circuit	Breaker is OFF or tripped; Main power is off; Wiring issue	Check breaker position (ON); Check main service panel; Inspect wiring for damage (qualified electrician only).

## SPECIFICATIONS

- **Brand:** Eaton
- **Model:** BAB2060
- **Current Rating:** 60 Amps
- **Voltage Rating:** 120/240 Volt AC

- **Number of Poles:** 2
- **Circuit Breaker Type:** Standard Miniature
- **Mounting Type:** Bolt-On Mount
- **Manufacturer:** Eaton
- **Package Dimensions:** 4 x 4 x 4 inches
- **Weight:** 9.6 ounces
- **ASIN:** B00WRO7N2K

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official Eaton website or contact Eaton customer service directly. Keep your purchase receipt for warranty claims.

**Eaton Official Website:** [www.eaton.com](http://www.eaton.com)