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Came 88001-0063

Came ZBK Electronic Control Board 88001-0063 User Manual

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1. INTRODUCTION

This manual provides comprehensive instructions for the Came ZBK Electronic Control Board, model 88001-0063. This control board is designed for use with Came BK series sliding gate motors, specifically compatible with BK800, BK1200, and BK1800 models. It serves as a direct replacement for the older 3199ZBK generation control board. Please read this manual thoroughly before installation and operation to ensure proper function and safety.



Image showing the Came ZBK Electronic Control Board, model 88001-0063, a replacement part for gate automation systems.

2. SAFETY INFORMATION

Important: Installation and maintenance of this electronic control board should only be performed by qualified personnel. Failure to follow these safety guidelines may result in serious injury or damage to property.

- Always disconnect the main power supply to the gate motor before performing any installation, maintenance, or troubleshooting.
- Ensure all electrical connections comply with local electrical codes and regulations.
- Protect the control board from moisture, dust, and extreme temperatures.
- Do not attempt to modify the control board. Use only genuine Came replacement parts.
- Keep children and unauthorized persons away from the gate area during installation and operation.

3. SETUP & INSTALLATION

3.1 Package Contents

- 1 x Came ZBK Electronic Control Board (Model 88001-0063)

3.2 Compatibility

This control board is compatible with Came BK series sliding gate motors: BK800, BK1200, and BK1800. It is designed as a direct replacement for the previous generation 3199ZBK control board.

3.3 Installation Steps

1. **Disconnect Power:** Ensure the main power supply to the gate motor is completely disconnected at the circuit breaker. Verify with a voltage tester.
2. **Access Control Box:** Open the gate motor's control box cover.
3. **Document Connections:** Carefully photograph or sketch the existing wiring connections on the old control board (if replacing). This will be crucial for correct re-connection.
4. **Remove Old Board:** Disconnect all wires from the old 3199ZBK control board and carefully remove it from its mounting.
5. **Install New Board:** Mount the new Came ZBK 88001-0063 control board in the same position.
6. **Connect Wiring:** Reconnect all wires to the new control board according to your documentation from step 3. Refer to the specific wiring diagram provided with your Came BK series motor for detailed connection points. Pay close attention to power, motor, safety device, and accessory connections.
7. **Secure Connections:** Ensure all terminal connections are tight and secure.
8. **Close Control Box:** Securely close the control box cover, ensuring no wires are pinched.
9. **Restore Power:** Reconnect the main power supply to the gate motor.

Note: For detailed wiring diagrams and specific motor configurations, always refer to the original instruction manual for your Came BK800, BK1200, or BK1800 motor.

4. OPERATION

After successful installation, the Came ZBK control board will manage the operation of your sliding gate motor. Initial setup and programming typically involve:

- **Motor Direction:** Verifying and setting the correct motor rotation direction.
- **Limit Switches:** Adjusting and programming the open and close limit switches for precise gate positioning.
- **Remote Controls:** Pairing and programming remote control transmitters.
- **Safety Devices:** Testing and configuring safety photocells and other safety devices.
- **Operating Parameters:** Setting parameters such as opening/closing speed, pause time, and force.

Consult the specific programming guide for your Came BK series motor for detailed instructions on configuring these

settings. The ZBK board's functionality is integrated with the motor's overall system.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your Came ZBK control board and gate system.

- **Visual Inspection:** Periodically inspect the control board for any signs of damage, corrosion, or loose connections.
- **Cleanliness:** Keep the control box interior clean and free from dust, insects, and debris. Use a soft, dry brush or compressed air.
- **Wiring Checks:** Ensure all wiring connections remain secure and free from wear or damage.
- **Professional Check:** It is recommended to have the entire gate automation system, including the control board, inspected by a qualified technician at least once a year.

Always disconnect power before performing any maintenance.

6. TROUBLESHOOTING

If you encounter issues with your gate system, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
Gate does not respond to commands.	No power to the control board. Remote control battery dead. Safety devices (photocells) obstructed or faulty.	Check main power supply and circuit breaker. Replace remote control battery. Clear obstruction from photocells; check their alignment and wiring.
Gate opens but does not close.	Safety devices (photocells) obstructed or faulty. Close limit switch not registering.	Check photocells for obstructions or malfunction. Inspect and adjust the close limit switch.
Motor runs but gate does not move.	Motor clutch disengaged. Mechanical issue with the gate or motor.	Check if the motor's manual release is engaged. Re-engage clutch. Inspect gate for obstructions or damage to gears/rack.
Control board LEDs are off.	No power supply to the board.	Verify main power supply and check fuses on the board (if present).

Always disconnect power before inspecting internal components.

7. SPECIFICATIONS

Feature	Detail
Model Number	88001-0063
Brand	Came
Compatibility	Came BK800, BK1200, BK1800 series sliding gate motors
Replaces	Came 3199ZBK control board

Feature	Detail
ASIN	B07FW83F4Y
Manufacturer	CAME
Date First Available	July 25, 2018
Spare Parts Availability	Information unavailable

8. WARRANTY & SUPPORT

For information regarding the warranty period and terms for your Came ZBK Electronic Control Board, please refer to the documentation provided at the time of purchase or contact your authorized Came dealer. For technical support, installation assistance, or spare parts inquiries, please contact Came customer service or an authorized service center. You can typically find contact information on the official Came website or through your product supplier.

