

Intermatic K122

Intermatic K122 Pole Bracket Adapter Instruction Manual

Model: K122

INTRODUCTION

The Intermatic K122 Pole Bracket Adapter is designed to facilitate the mounting and connection of 3-pole type locking photocontrols, specifically the K1200, K4500, and LC4500 series. This adapter provides a secure and reliable interface for your photocontrol, ensuring proper electrical connection and physical support. It features a phenolic base enclosure and is rated for 105-480 Volts AC, with a current rating of 15 Amps.

SAFETY INFORMATION

WARNING: Risk of electric shock. Installation should be performed by a qualified electrician in accordance with all national and local electrical codes. Disconnect power at the circuit breaker or fuse box before installing or servicing this product. Failure to follow these instructions could result in serious injury or death.

- Ensure the power supply matches the voltage rating of the device.
- Do not exceed the maximum current rating of 15 Amps.
- Keep children away from electrical installations.
- Inspect the product for any damage before installation.

PACKAGE CONTENTS

- 1 x Intermatic K122 Pole Bracket Adapter
- (Photocontrol sold separately)

SETUP AND INSTALLATION

The K122 adapter is designed for bracket mounting and provides the necessary connection points for compatible photocontrols.

1. **Power Disconnection:** Before beginning any installation, ensure that the main power supply to the circuit is

turned off at the breaker or fuse box. Verify with a voltage tester.

2. **Mounting the Bracket:** Secure the K122 pole bracket adapter to a suitable pole or flat surface using appropriate hardware (not included). The bracket features keyhole slots for flexible mounting.

3. **Wiring Connections:**

- Connect the incoming power wires to the corresponding wires of the K122 adapter. The adapter typically includes black (line), white (neutral), and red (load) wires.
- Ensure all connections are tight and insulated according to electrical codes. The adapter is designed for 14 AWG wire size.

4. **Photocontrol Installation:** Once the K122 adapter is securely mounted and wired, insert a compatible 3-pole locking photocontrol (K1200, K4500, or LC4500 series) into the receptacle on top of the adapter. Twist the photocontrol clockwise until it locks into place.

5. **Power Restoration:** After confirming all connections are secure and correct, restore power to the circuit.



Image: The Intermatic K122 Pole Bracket Adapter, showing the black top receptacle for a photocontrol, the gray body, the silver mounting bracket with keyhole slots, and the black, white, and red wires extending from the base for electrical connection.

The Intermatic K122 Pole Bracket Adapter serves as a connection point and mounting solution for a photocontrol. It does not have independent operational controls. Its function is to provide a secure electrical and physical interface for the photocontrol, allowing the photocontrol to operate as intended (e.g., turning lights on/off based on ambient light levels).

For specific operating instructions, refer to the manual provided with your Intermatic K1200, K4500, or LC4500 series locking photocontrol.

MAINTENANCE

The K122 Pole Bracket Adapter requires minimal maintenance. Periodically inspect the unit for any signs of physical damage, corrosion, or loose connections. Ensure the photocontrol is securely seated in the adapter. If any issues are observed, disconnect power before inspecting or servicing the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Photocontrol not functioning	Loose connection between photocontrol and adapter. Incorrect wiring of the adapter. Faulty photocontrol.	Ensure photocontrol is fully twisted and locked into the adapter. Verify wiring connections (black to line, white to neutral, red to load) with power off. Test photocontrol separately or replace if necessary.
No power to the connected device	No power to the adapter. Loose wiring connections. Overload or short circuit.	Check circuit breaker/fuse. Verify all wiring connections are secure (power off). Inspect for shorts or overloads; consult an electrician if problem persists.

SPECIFICATIONS

- **Model:** K122
- **Type:** 3-Pole Pole Bracket Adapter
- **Compatibility:** Intermatic K1200, K4500, LC4500 series locking photocontrols
- **Voltage Rating:** 105 - 480 Volts AC
- **Current Rating:** 15 Amps
- **Wire Size:** 14 AWG
- **Enclosure Material:** Phenolic Base
- **Mounting:** Bracket Mount
- **Dimensions:** Approximately 2.63 x 5.5 x 4.38 inches
- **Weight:** Approximately 6.4 ounces

WARRANTY

For detailed warranty information, please refer to the manufacturer's description or contact Intermatic customer support. The warranty typically covers defects in materials and workmanship under normal use.

SUPPORT

For technical assistance, replacement parts, or further inquiries, please visit the official Intermatic website or contact their customer service department. Ensure you have your product model number (K122) available when seeking support.

Note: Product specifications and appearance are subject to change without notice.