BPT 61440810

Bpt SI/200 Input Switch

INSTRUCTION MANUAL

Brand: BPT | Model: 61440810

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Bpt SI/200 Input Switch. Please read this manual thoroughly before attempting to install or operate the device. Retain this manual for future reference.

2. Product Overview



Figure 1: The Bpt SI/200 Input Switch. This image displays the compact, rectangular form factor of the switch, featuring a series of terminal connections along its upper surface, designed for integration into electrical systems.

The Bpt SI/200 is a normally open (NO) metal push-button input switch designed for industrial electrical applications. It features a 1-way circuit type and is intended for panel mounting with through-hole terminals for secure connections. Its robust construction ensures reliable performance in various environments.

3. Setup and Installation

Safety Precautions: Always disconnect power to the circuit before installation or maintenance to prevent electrical shock. Installation should be performed by qualified personnel in accordance with local electrical codes.

- 1. **Mounting:** The SI/200 switch is designed for panel mounting. Identify a suitable location on your control panel that allows for secure fastening and easy access to terminals.
- 2. **Wiring:** Connect the circuit wires to the through-hole terminals. Ensure all connections are secure and correctly polarized if applicable. The switch operates as a normally open contact, meaning the circuit is open (no current flow) until the button is pressed.
- 3. **Verification:** After installation, visually inspect all connections. Restore power and test the switch functionality.

4. Operating Instructions

The Bpt SI/200 is a manual operation, normally open (NO) push-button switch. When the metal button is pressed, the internal contacts close, completing the circuit. Upon release of the button, the contacts return to their open state, breaking the circuit.

- To activate the circuit: Press and hold the metal button.
- To deactivate the circuit: Release the metal button.

5. Maintenance

The Bpt SI/200 switch requires minimal maintenance. Regular inspection and cleaning can help ensure its longevity and reliable operation.

- Cleaning: Use a soft, dry cloth to wipe the exterior of the switch. Do not use abrasive cleaners or solvents, as these may damage the housing or internal components.
- **Inspection:** Periodically check the terminal connections for tightness and ensure there is no visible damage to the switch housing or button.
- Environmental Protection: The switch has an International Protection Rating of IP04, meaning it is protected against solid objects larger than 1mm (e.g., tools, wires) but offers no protection against liquids. Avoid exposing the switch to splashing water or other liquids.

6. Troubleshooting

If the Bpt SI/200 switch is not functioning as expected, consider the following common issues and solutions:

· Switch Not Responding:

- Verify that power is supplied to the circuit.
- · Check all wiring connections for looseness or corrosion.
- Ensure the button is fully depressed when attempting to activate the circuit.

• Intermittent Operation:

- Inspect wiring for any frayed or damaged insulation.
- Confirm that the terminals are securely fastened.

If problems persist after performing these checks, contact a qualified technician or the manufacturer for

assistance.

7. Specifications

Feature	Specification
Brand	BPT
Model Number	61440810
Product Dimensions (L x W x H)	3.94 x 1.97 x 3.94 inches
Weight	1.1 Pounds
Operation Mode	Manual
Contact Type	Normally Open
Terminal Type	Through Hole
Circuit Type	1-way
Mounting Type	Panel Mount
Actuator Type	Push Button
Contact Material	Metal
International Protection Rating	IP04

8. Warranty and Support

For information regarding warranty coverage, technical support, or replacement parts, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: B.P.T S.P.A

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Related Documents



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