

ULTECHNOVO 3350WXR17L

ULTECHNOVO Momentary Push Button Switch User Manual

Model: 3350WXR17L

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your ULTECHNOVO Momentary Push Button Switches. Please read this manual thoroughly before use to ensure safe and efficient operation.

These multipurpose momentary push buttons are designed for various applications, featuring a heavy-duty construction, smooth surface, and high sensitivity. The enclosure material is nickel-plated brass/stainless steel, ensuring durability and suitability for multiple environments.

PRODUCT FEATURES

- Easy to use and easy to install.
- Stable installation, not easy to fall off.
- Small and light, easy to carry.
- Impact resistance and oxidation resistance.
- Manufactured from durable materials for reliable use.

PRODUCT OVERVIEW



Figure 1: Two ULTECHNOVO Momentary Push Button Switches, showcasing their robust design and black and silver finish.



Figure 2: Detailed dimensions of a single momentary push button switch, indicating a diameter of 0.7 inches (1.8 cm) and a height of 0.8 inches (2.0 cm).



Figure 3: Exploded view illustrating the internal structure and components of the push button switch, highlighting its robust construction.

SETUP AND INSTALLATION

The ULTECHNOVO Momentary Push Button Switches are designed for straightforward installation. Follow these general guidelines:

1. **Preparation:** Ensure the power supply to the circuit is disconnected before beginning installation. Identify the appropriate mounting hole size (approximately 1.8 cm / 0.7 inches in diameter) for the switch.
2. **Mounting:** Insert the threaded body of the switch into the prepared mounting hole. Secure the switch using the provided nut and washer on the backside of the panel. Tighten firmly but do not overtighten to avoid damaging the switch or panel.
3. **Wiring:** Connect the electrical wires to the terminals at the base of the switch. These are momentary switches, meaning they only make contact while the button is pressed. Refer to your specific circuit diagram for correct wiring polarity and connections.
4. **Testing:** Once installed and wired, carefully restore power to the circuit and test the switch functionality.



Figure 4: Individual components of the push button switch, including the button cap, threaded body, mounting nut, and sealing O-ring, illustrating ease of assembly.

OPERATING INSTRUCTIONS

These are momentary push button switches. Their operation is simple and direct:

- **Activation:** Press the button firmly to activate the connected circuit.
- **Deactivation:** Release the button to deactivate the circuit. The switch will return to its original state automatically.

Common applications include:

- Controlling relays or contactors.
- Activating temporary functions in machinery.
- Doorbell or horn buttons.
- Reset buttons for electronic devices.



Figure 5: Examples of the push button switch integrated into different control panels and devices, demonstrating its versatility.

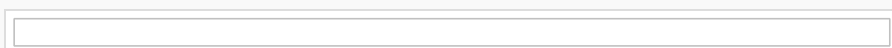


Figure 6: The push button switch installed alongside an emergency stop button on an industrial safety gate, illustrating its use in control systems.

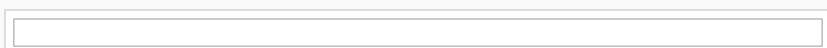


Figure 7: The push button switch integrated into an older industrial control panel, demonstrating its compatibility with various system aesthetics.



Figure 8: The push button switch used as a pedestrian request button on a street signal pole, highlighting its application in public infrastructure.

MAINTENANCE

These momentary push button switches are designed for durability and require minimal maintenance. However, regular inspection can prolong their lifespan and ensure reliable operation:

- **Cleaning:** Periodically wipe the surface of the button with a soft, dry cloth to remove dust and grime. Avoid using abrasive cleaners or solvents that could damage the finish or internal components.
- **Inspection:** Check for any signs of physical damage, loose connections, or excessive wear. Ensure the button depresses smoothly and returns to its original position without sticking.
- **Environmental Protection:** While designed for durability, avoid exposing the switches to extreme temperatures, excessive moisture, or corrosive environments beyond their specified ratings.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Switch does not activate circuit.	Loose wiring connection. No power to circuit. Faulty switch.	Check and secure all wiring connections. Verify power supply to the circuit. Test switch continuity with a multimeter; replace if faulty.
Button sticks or does not return.	Debris under button. Physical damage. Overtightened mounting nut.	Clean around the button mechanism. Inspect for damage; replace if necessary. Loosen mounting nut slightly.
Intermittent operation.	Poor connection. Internal wear.	Re-check all wiring connections. Consider replacing the switch if connections are secure.

SPECIFICATIONS

Brand	ULTECHNOVO
Model Number	3350WXR17L
Material	Plastic (enclosure material: nickel plated brass/stainless steel)
Color	Black
Dimensions (L x W x H)	0.79 x 0.71 x 0.71 inches (2 x 1.8 x 1.8 cm)
Item Weight	0.705 ounces
Included Components	Push button switch
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information or technical support, please contact ULTECHNOVO customer service through the retailer where the product was purchased or visit the official ULTECHNOVO store on Amazon:

ULTECHNOVO Store.

Please have your model number (3350WXR17L) and purchase details ready when contacting support.