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Imperial 1355

Imperial 1355 Micro Door Switch User Manual

Model: **1355** | Brand: **Imperial**

PRODUCT OVERVIEW

The Imperial 1355 Micro Door Switch is a genuine OEM replacement part designed for safety, reliability, and performance in various applications. Manufactured by Imperial Supplies LLC, a national distributor of quality maintenance products since 1958, this switch ensures proper functionality for your equipment.



This image displays the Imperial 1355 Micro Door Switch. It features a black rectangular body with a gold-colored threaded barrel extending from one side, housing a silver plunger. Two hexagonal mounting nuts are visible at the base of the switch, indicating its installation components.

KEY FEATURES

- Genuine OEM Replacement Part
- Manufactured by Imperial Supplies LLC, a national distributor of quality maintenance products since 1958
- Designed for safety, reliability, and performance
- From the trusted Imperial brand

SETUP

Installation of the Imperial 1355 Micro Door Switch requires basic electrical knowledge. Always ensure that the

power supply to the appliance or circuit is completely disconnected before beginning any installation work to prevent electrical shock or damage.

1. **Disconnect Power:** Turn off the main power switch or unplug the appliance from the power source.
2. **Remove Old Switch (if applicable):** Carefully disconnect wiring from the existing switch and remove it from its mounting location.
3. **Mount New Switch:** Insert the threaded barrel of the new Imperial 1355 Micro Door Switch into the designated opening. Secure it firmly in place using the provided hexagonal mounting nuts. Ensure the switch is oriented correctly for proper plunger activation.
4. **Connect Wiring:** Reconnect the electrical wiring to the terminals of the new switch according to the appliance's specific wiring diagram or the previous switch's configuration. The Imperial 1355 features Quick-connect terminals for ease of installation.
5. **Secure Connections:** Double-check all wiring connections to ensure they are tight and secure.
6. **Restore Power:** Once installation is complete and all connections are verified, restore power to the appliance.

OPERATING INSTRUCTIONS

The Imperial 1355 Micro Door Switch operates automatically based on the position of its plunger. It is designed with a Normally Open (NO) contact type and an automatic operation mode.

- **Normally Open (NO) Operation:** In its resting state, when the plunger is extended (e.g., a door is open), the electrical circuit connected through the switch is open, meaning no current flows.
- **Plunger Depressed:** When the plunger is depressed (e.g., a door is closed and presses against the plunger), the internal contacts close, completing the electrical circuit and allowing current to flow.
- **Automatic Control:** The switch functions as a control mechanism, activating or deactivating a function (like a light, fan, or safety interlock) based on the physical state of the door or component it monitors.

MAINTENANCE

To ensure the longevity and reliable performance of your Imperial 1355 Micro Door Switch, follow these simple maintenance guidelines:

- **Regular Inspection:** Periodically inspect the switch for any visible signs of wear, damage, cracks, or corrosion on the body, plunger, or terminals.
- **Cleanliness:** Keep the area around the switch clean and free from dust, dirt, grease, or any debris that could impede the plunger's movement or affect electrical connections. Use a dry, soft cloth for cleaning.
- **Connection Check:** Ensure that all electrical connections to the switch terminals remain tight and secure. Loose connections can lead to intermittent operation or overheating.
- **Avoid Force:** Do not apply excessive force or impact to the plunger or the switch body, as this can cause internal damage.
- **Environmental Conditions:** Ensure the switch is not exposed to conditions beyond its intended operating environment, such as extreme temperatures or excessive moisture, unless specifically rated for such

conditions.

TROUBLESHOOTING

If you encounter issues with your Imperial 1355 Micro Door Switch, consider the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|---|--|---|
| Switch not responding / No circuit change | <ul style="list-style-type: none">No power to the circuitLoose or incorrect wiring connectionsPlunger obstructed or not fully depressed/releasedInternal switch failure | <ul style="list-style-type: none">Verify power supply to the appliance/circuit.Check all wiring connections for tightness and correct polarity.Ensure the door or activating mechanism fully engages the plunger. Clear any obstructions.If other solutions fail, the switch may need replacement. |
| Intermittent operation | <ul style="list-style-type: none">Loose wiring connectionsWorn or dirty internal contactsInconsistent plunger activation | <ul style="list-style-type: none">Tighten all wiring connections.Inspect the switch for physical damage or debris. Replacement may be necessary.Adjust the activating mechanism to ensure consistent and full plunger travel. |
| Physical damage to switch | <ul style="list-style-type: none">Impact or excessive forceImproper installation | <ul style="list-style-type: none">Replace the damaged switch immediately.Ensure proper installation techniques are followed to prevent future damage. |

SPECIFICATIONS

| Attribute | Detail |
|----------------|---------------|
| Brand | Imperial |
| Model Info | 1355 |
| Operation Mode | Automatic |
| Contact Type | Normally Open |
| Connector Type | Screw |

| Attribute | Detail |
|---------------------------|------------------|
| Terminal | Quick-connect |
| Circuit Type | 1-way |
| Mounting Type | Door Mount |
| Actuator Type | Plunger |
| Contact Material | Copper |
| Item dimensions L x W x H | 5 x 5 x 9 inches |
| Item Weight | 1.58 ounces |
| Material Type | Copper |
| Manufacturer | Prtst |
| Number of Items | 1 |
| UPC | 304211460425 |

WARRANTY INFORMATION

As a genuine OEM replacement part, the Imperial 1355 Micro Door Switch is designed to meet high standards. For specific warranty details pertaining to this component, it is recommended to refer to the documentation provided with your original appliance or contact Imperial customer support directly. Warranty terms typically cover manufacturing defects under normal use conditions.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or to report any issues with your Imperial 1355 Micro Door Switch, please reach out to Imperial customer support. You can typically find contact information, including phone numbers and email addresses, on the official Imperial website or through authorized distributors where the product was purchased.

When contacting support, please have your product model number (1355) and any relevant purchase information ready to facilitate a quicker resolution.