

Ortis B09BN44ZPZ

Ortis Refrigerator Surge Protector User Manual

MODEL: B09BN44ZPZ

1. Introduction

This manual provides essential information for the safe and effective use of your Ortis Refrigerator Surge Protector. This device is designed to safeguard your refrigerator and other home appliances from various electrical irregularities, including high and low voltage, spikes, instant surges, power failures, voltage fluctuations, brownouts, and load shedding. Please read this manual thoroughly before installation and operation.

2. Safety Information

- **Electrical Safety:** Always ensure the power outlet is properly grounded and rated for the device's specifications (120V/15A 60Hz).
- **Indoor Use Only:** This surge protector is intended for indoor use in dry locations. Do not expose it to moisture or extreme temperatures.
- **Appliance Compatibility:** Connect only appliances within the specified voltage and current limits. Do not overload the protector.
- **Inspection:** Regularly inspect the surge protector and its connected cables for any signs of damage. Discontinue use if damage is observed.
- **Children and Pets:** Keep the device out of reach of children and pets.
- **Disassembly:** Do not attempt to open or modify the surge protector. Refer all servicing to qualified personnel.

3. Product Features

The Ortis Refrigerator Surge Protector is equipped with several features designed for optimal appliance protection:

- **Comprehensive Protection:** Guards against high and low voltage, spikes, instant surges, power failures, voltage fluctuations, brownouts, and load shedding.
- **Dual Outlets:** Features two outlets, allowing protection for two appliances simultaneously, such as a refrigerator and a microwave, or a water cooler.
- **LED Indicators:** Clear LED lights indicate the current voltage status (Normal, High Voltage, Low Voltage) and the active delay period.

- **3-Minute Time Delay:** After a power fluctuation, the device initiates a 3-minute delay before re-establishing power. This ensures voltage stability and prevents damage from rapid power cycling.
- **Plug-and-Play Design:** Simple installation without complex wiring.
- **Space-Saving Design:** Designed to not obstruct adjacent outlets.

PROFESSIONAL SURGE PROTECTION

Best Surge Protector For Refrigerator



Image 3.1: Overview of the Ortis Refrigerator Surge Protector and its key features.

4. Setup and Installation

Follow these steps to properly install your Ortis Refrigerator Surge Protector:

1. **Unpack:** Carefully remove the surge protector from its packaging.
2. **Inspect:** Check the device for any visible damage. Do not use if damaged.
3. **Locate Outlet:** Choose a standard 120V/15A wall outlet that is easily accessible and not shared with other high-

power appliances.

4. **Plug In Protector:** Insert the Ortis Refrigerator Surge Protector directly into the wall outlet. Ensure it is firmly seated.
5. **Connect Appliances:** Plug your refrigerator and/or other compatible appliances (up to two) into the outlets on the surge protector. Ensure appliance plugs are in good condition.
6. **Mounting (Optional):** The unit can be mounted to the wall using screws or an adhesive pad (mounting hardware not included unless specified by manufacturer).



Image 4.1: The Ortis Refrigerator Surge Protector ready for connection to a wall outlet.



Image 4.2: Example of the surge protector connected to a refrigerator and another appliance.

5. Operating Instructions

Once installed, the Ortis Refrigerator Surge Protector operates automatically. Observe the LED indicators for status information:

- **Normal Voltage (Green LED):** When the green "Normal Voltage" LED is illuminated, the voltage is within the safe operating range (90VAC to 135VAC), and power is supplied to your appliances.
- **High Voltage (Red LED):** If the red "High Voltage" LED lights up, the input voltage exceeds 135VAC. The protector will automatically cut off power to protect connected appliances.
- **Low Voltage (Red LED):** If the red "Low Voltage" LED lights up, the input voltage drops below 90VAC. The protector will automatically cut off power to protect connected appliances.
- **Delay Period (Yellow LED):** After a power cut-off due to voltage abnormality, or when power is first applied, the yellow "Delay Period" LED will illuminate. This indicates a 3-minute waiting period before power is restored to ensure voltage stability. Do not unplug appliances during this period.

LED INDICATORS DISPLAY VOLTAGE CONDITION

Simple To Understand

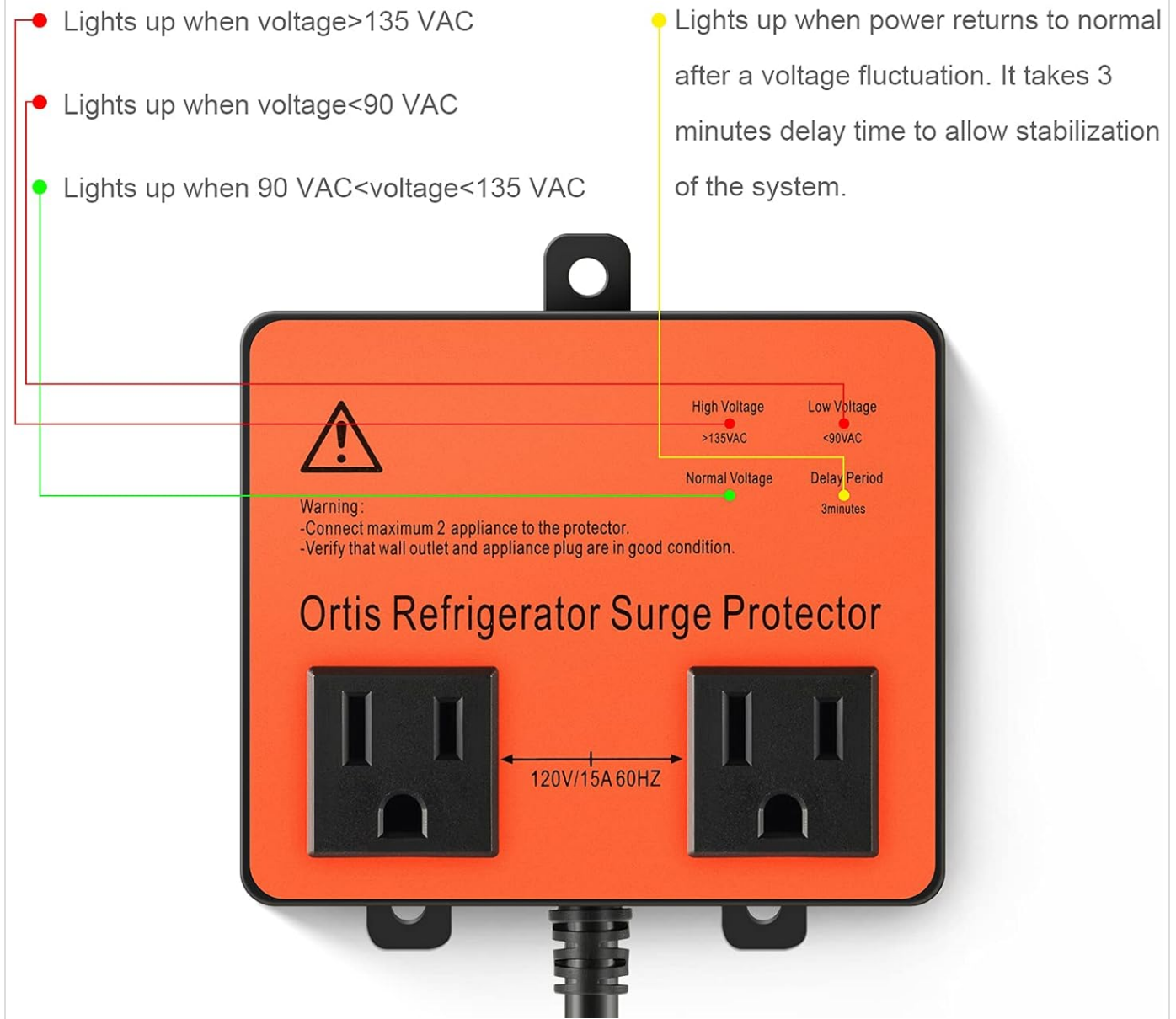


Image 5.1: Explanation of the LED indicators on the surge protector.

6. Maintenance

The Ortis Refrigerator Surge Protector requires minimal maintenance. Follow these guidelines to ensure its longevity and optimal performance:

- **Cleaning:** Disconnect the device from the wall outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Environmental Conditions:** Ensure the device is kept in a dry, well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Cable Management:** Avoid bending or crimping the power cord excessively.

7. Troubleshooting

If you encounter issues with your Ortis Refrigerator Surge Protector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to appliances, no LEDs lit.	Protector not plugged in, wall outlet has no power, or internal fault.	Ensure protector is fully plugged into a live outlet. Test the wall outlet with another device. If still no power, the unit may be faulty.
Red "High Voltage" or "Low Voltage" LED is lit, no power to appliances.	Input voltage is outside safe operating range.	This is normal operation. The protector is safeguarding your appliances. Wait for the voltage to stabilize and the "Delay Period" LED to activate, followed by the "Normal Voltage" LED.
Yellow "Delay Period" LED is lit for more than 3 minutes.	Voltage fluctuations are ongoing, or an internal fault.	Ensure the power supply is stable. If the delay persists indefinitely, unplug the protector, wait a few minutes, and plug it back in. If the issue continues, contact customer support.
Appliances are not receiving power, but "Normal Voltage" LED is lit.	Appliance issue, or loose connection.	Check if the appliance is properly plugged into the protector. Test the appliance by plugging it directly into a wall outlet (if safe to do so).

8. Specifications

- **Model:** B09BN44ZPZ
- **Brand:** Ortis
- **Product Dimensions:** 2 x 1 x 1 inches (approximate)
- **Item Weight:** 11.3 ounces
- **Cable Length:** 18.1 Inches
- **Color:** Orange
- **Total Power Outlets:** 2
- **Voltage Rating:** 120V / 15A / 60Hz
- **High Voltage Cut-off:** >135VAC
- **Low Voltage Cut-off:** <90VAC
- **Time Delay:** 3 minutes
- **Date First Available:** August 22, 2021



Image 8.1: Physical dimensions of the Ortis Refrigerator Surge Protector.

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Ortis website. Keep your purchase receipt as proof of purchase.



	Ortis HWHC-01 In-Wall Humidity Controller Instructions and Manual Comprehensive instructions and manual for the Ortis HWHC-01 In-Wall Humidity Controller. Learn about its features, installation, operation modes, and specifications for optimal humidity control in your home.
	Basics of Computing with Python: Course Syllabus Introduction to the 'Basics of Computing with Python' course by Prof. Alessandro Ortis. Covers programming fundamentals, Python syntax, data structures, algorithms, and course objectives. Includes syllabus details and learning outcomes.
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