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› NUZEZCJG SVP-63A 220V Over Under Voltage Protector User Manual

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Model: SVP-63A

1. INTRODUCTION

The NUZEZCJG SVP-63A is a single-phase smart adjustable over and under voltage protection device with a current limiting function and automatic reset. It is designed to safeguard electrical appliances and circuits from damage caused by voltage fluctuations and overcurrent conditions. This manual provides essential information for the safe installation, operation, and maintenance of your device.

2. SAFETY INFORMATION

- Always disconnect power before installation or maintenance to prevent electric shock.
- Installation should be performed by a qualified electrician or knowledgeable personnel.
- Ensure all wiring connections are secure and correct according to the wiring diagram.
- Do not operate the device in wet or damp conditions.
- Do not exceed the specified voltage and current ratings of the device.

3. PRODUCT OVERVIEW

The SVP-63A features a dual digital display for real-time voltage and current monitoring, along with indicator lights for various protection states. It allows users to set custom over-voltage, under-voltage, and over-current thresholds.



Qualification
ADJ Voltage Protector
Working Amp: ☐ 0.6A ☐ 1.0A ☐ 2.0A ☐ 2.5A
☐ 3.2A ☐ 4.0A ☐ 5.0A ☒ 6.3A
Working Mode: 230VAC 50/60Hz

SINOTIMER®

Figure 1: Front view of the SVP-63A device. This image illustrates the input (N and L) and output (N and L) terminals, the dual digital displays for voltage and

current, and the control buttons (SET, Up, Down) for parameter adjustment. Indicator lights for over-voltage (>V), under-voltage (<V), and over-current (>A) are also visible, along with a power indicator.

Key Features:

- Over-voltage protection
- Under-voltage protection
- Over-current protection
- Voltage and current display (dual digital display)
- Adjustable protection values
- Automatic reset function

4. SPECIFICATIONS

Parameter	Value
Working Voltage	220V AC
Frequency	50/60Hz
Rated Current	63A
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces

5. INSTALLATION AND SETUP

5.1 Wiring Diagram

Refer to the following diagram for proper wiring of the SVP-63A device within your electrical system. Ensure correct connection of live (L) and neutral (N) wires for both input and output.

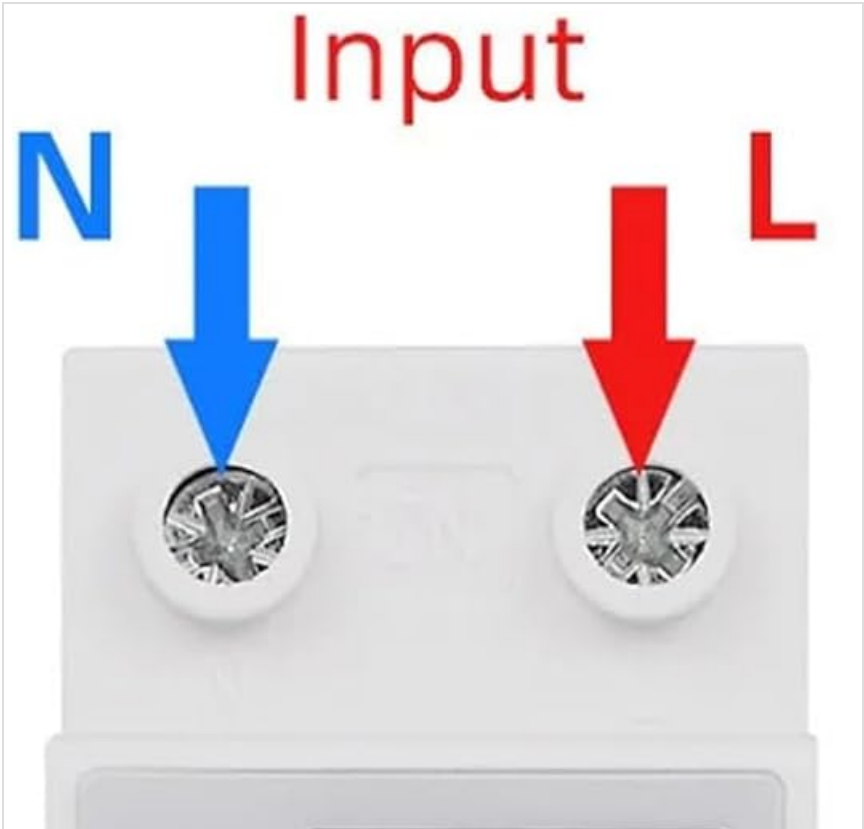




Figure 2: Wiring Diagram. This diagram illustrates how to integrate the SVP-63A voltage protector into an electrical circuit. It shows the protector connected in series between a power switch and an air circuit breaker, with clear labels for Live (L) and Neutral (N) connections for both input and output.

5.2 Installation Steps

1. **Power Disconnection:** Before starting, ensure the main power supply to the circuit is completely disconnected at the main breaker.
2. **Mounting:** Mount the SVP-63A device securely in a suitable electrical enclosure or DIN rail.
3. **Input Wiring:** Connect the incoming Live (L) and Neutral (N) wires from your power source to the 'Input' terminals of the SVP-63A.
4. **Output Wiring:** Connect the outgoing Live (L) and Neutral (N) wires from the 'Output' terminals of the SVP-63A to your load or downstream circuit breaker.

5. **Verification:** Double-check all connections for tightness and correctness according to the wiring diagram.
6. **Power Restoration:** Once all connections are verified, restore power to the circuit. The device's display should illuminate.

6. OPERATING INSTRUCTIONS

6.1 Initial Power-Up

Upon initial power-up, the device will display the current voltage and current readings. The 'POWER' indicator light should be on.

6.2 Setting Protection Parameters

To adjust the over-voltage, under-voltage, and over-current protection values:

1. Press and hold the **SET** button for approximately 3-5 seconds until the display starts flashing.
2. Use the **Up (▲)** and **Down (▼)** buttons to navigate through the different parameters (e.g., over-voltage threshold, under-voltage threshold, over-current threshold, reset delay time).
3. When the desired parameter is displayed, press **SET** again to enter its adjustment mode. The value will flash.
4. Use the **Up (▲)** and **Down (▼)** buttons to change the value.
5. Press **SET** to confirm the new value and move to the next parameter, or wait a few seconds for the device to automatically save the setting and exit the menu.

Note: Refer to the device's specific parameter ranges for safe and effective operation.

6.3 Indicator Lights

- **POWER:** Green light, indicates the device is powered on.
- **>V:** Red light, indicates an over-voltage condition has been detected.
- **<V:** Red light, indicates an under-voltage condition has been detected.
- **>A:** Red light, indicates an over-current condition has been detected.

7. MAINTENANCE

The SVP-63A is designed for minimal maintenance. Periodically inspect the device and its connections for any signs of damage, loose wiring, or overheating. Ensure the ventilation slots (if any) are clear of dust and debris. Cleaning should only be done with a dry, soft cloth after disconnecting power.

8. TROUBLESHOOTING

- **Device not powering on:** Check the main power supply and ensure all input wires are correctly connected and secure.
- **Device trips frequently:** Review your set over-voltage, under-voltage, and over-current thresholds. They might be set too sensitively for your application. Also, check for actual voltage fluctuations or overcurrents in your circuit.
- **Display not showing correct values:** Verify input voltage with a multimeter. If discrepancies persist, ensure proper wiring.
- **Automatic reset not working:** Check if the automatic reset function is enabled in the settings, and verify the set delay time.

If issues persist after troubleshooting, contact customer support.

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the product packaging or the seller's website for specific warranty terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact NUZEZCJG customer service through the retailer where the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question