

[Manuals.plus](#) /

› [TEZLUCAZ](#) /

› SVP-63A 220V Single-Phase Smart Adjustable Over Under Voltage Protection Limit Current Protector Dual Display Automatic Reset User Manual

## TEZLUCAZ SVP-63A

# SVP-63A 220V Single-Phase Smart Adjustable Over Under Voltage Protection Limit Current Protector User Manual

Model: SVP-63A | Brand: TEZLUCAZ

## 1. PRODUCT OVERVIEW

The TEZLUCAZ SVP-63A is a sophisticated single-phase smart adjustable voltage and current protection device designed to safeguard your electrical appliances from harmful power fluctuations. It provides comprehensive protection against over-voltage, under-voltage, and over-current conditions, ensuring the longevity and stable operation of connected equipment.

Equipped with a dual digital display, the SVP-63A allows for real-time monitoring of both voltage and current. Its adjustable settings enable users to customize protection thresholds according to specific requirements, and the automatic reset function ensures convenience and continuous protection after a fault condition is resolved.



Figure 1: Front view of the SVP-63A protector, showing the dual digital display for voltage and current, and control buttons.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to comply with these instructions may result in electric shock, fire, or serious injury.

- **Professional Installation:** Installation and maintenance should only be performed by a qualified electrician or trained personnel.
- **Power Disconnection:** Always disconnect the main power supply before installing, wiring, or performing any maintenance on the device.
- **Proper Wiring:** Ensure all wiring connections are secure and comply with local electrical codes and standards. Incorrect wiring can lead to device malfunction or hazards.
- **Voltage and Current Ratings:** Do not exceed the specified voltage (220V) and current (63A) ratings of the device.
- **Environment:** Install the device in a dry, well-ventilated area, away from direct sunlight, high temperatures, humidity, and corrosive gases.
- **Grounding:** Ensure proper grounding where applicable to prevent electrical shock.

### 3. PRODUCT FEATURES

- **Over-Voltage Protection:** Automatically cuts off power when voltage exceeds the set upper limit.
- **Under-Voltage Protection:** Automatically cuts off power when voltage drops below the set lower limit.
- **Over-Current Protection:** Automatically cuts off power when current exceeds the set maximum limit.
- **Adjustable Thresholds:** User-configurable voltage and current protection values.
- **Dual Digital Display:** Real-time display of current voltage and current consumption.
- **Automatic Reset:** Restores power automatically after the fault condition returns to normal within a set delay time.
- **Compact Design:** DIN rail mountable for easy integration into electrical panels.

### 4. SPECIFICATIONS

Parameter	Value
Working Voltage	220V AC
Frequency	50/60Hz
Rated Current	63A
Over-Voltage Protection Range	Adjustable (e.g., 230V-300V)
Under-Voltage Protection Range	Adjustable (e.g., 140V-210V)
Over-Current Protection Range	Adjustable (e.g., 1A-63A)
Automatic Reset Delay	Adjustable (e.g., 1-300 seconds)
Package Dimensions	1.18 x 0.79 x 0.39 inches (approximate)
Item Weight	1.76 ounces (approximate)
Manufacturer	TEZLUCAZ

## 5. SETUP AND INSTALLATION

The SVP-63A is designed for DIN rail mounting. Ensure the main power supply is OFF before proceeding with installation.

### 5.1 Wiring Connections

Connect the input and output wires as indicated on the device and in the wiring diagrams below. The 'IN' terminals are for the incoming power supply, and the 'OUT' terminals are for the load (appliances to be protected).



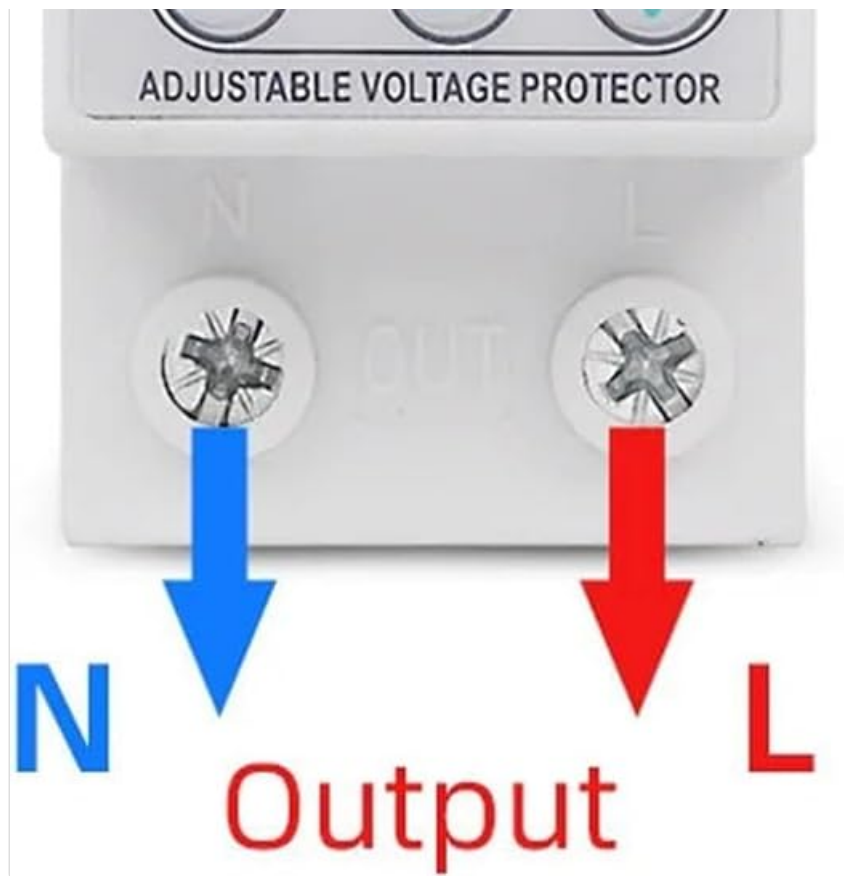


Figure 2: Diagram showing the input (N, L) and output (N, L) terminals of the SVP-63A protector.

## Wiring Diagram

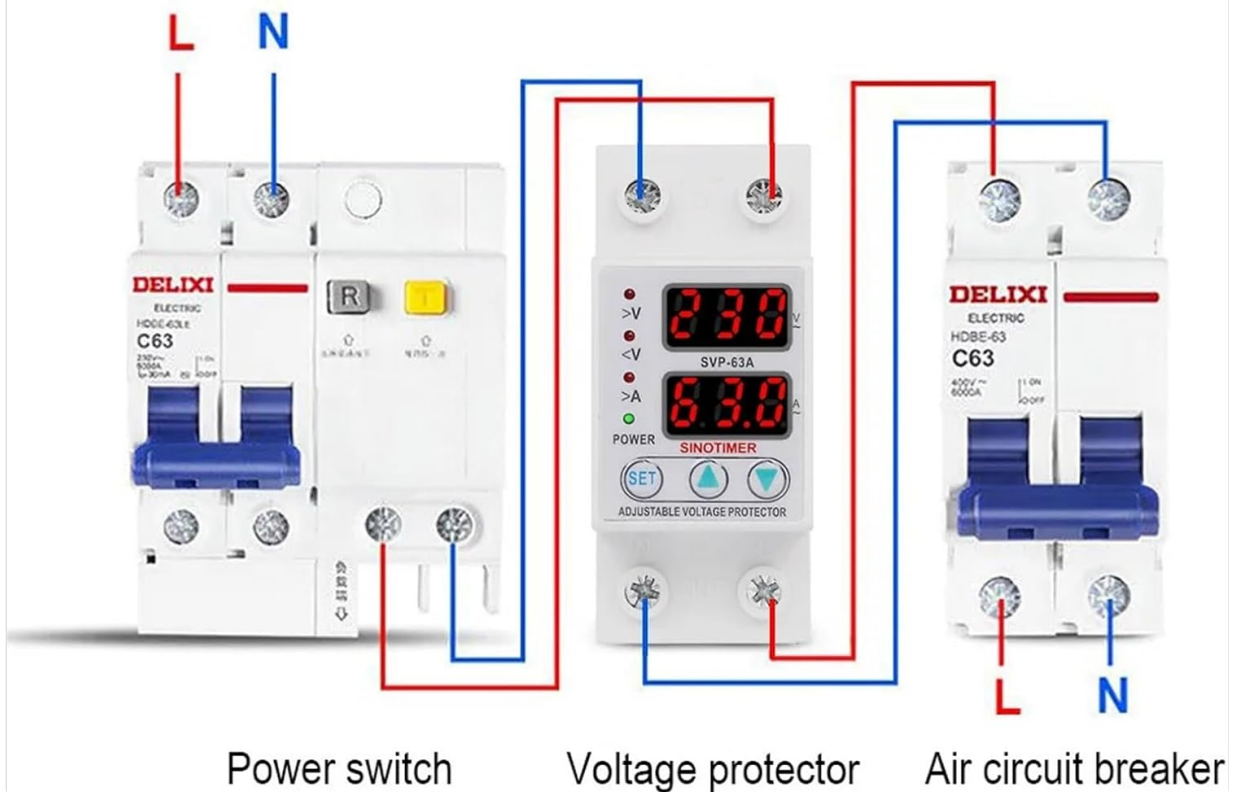


Figure 3: Example wiring diagram illustrating the connection of the SVP-63A voltage protector with a power switch and an air circuit breaker.

1. Mount the SVP-63A onto a standard DIN rail within your electrical panel.
2. Connect the incoming Live (L) and Neutral (N) wires from your power source to the 'IN' terminals (L

- and N respectively) on the top of the device.
3. Connect the Live (L) and Neutral (N) wires leading to your protected load (appliances) to the 'OUT' terminals (L and N respectively) on the bottom of the device.
  4. Ensure all connections are tight and secure to prevent loose contacts and overheating.

## 6. OPERATING INSTRUCTIONS

---

### 6.1 Power On

After successful installation and wiring, switch on the main power supply. The device will power on, and the dual display will show the current voltage and current readings.

### 6.2 Setting Protection Parameters

The SVP-63A allows you to set custom thresholds for over-voltage, under-voltage, over-current, and recovery delay time. Refer to the buttons on the front panel (SET, Up, Down).

1. Press the **SET** button to enter the parameter setting mode. Each press will cycle through different adjustable parameters (e.g., Over-Voltage, Under-Voltage, Over-Current, Recovery Delay).
2. Use the **Up** (▲) and **Down** (▼) buttons to adjust the value of the currently selected parameter.
3. After setting a value, press **SET** again to confirm and move to the next parameter, or wait a few seconds for the device to automatically save the setting and exit the setting mode.

*Note: Specific default values and adjustment ranges can be found in the Specifications section or on the device itself.*

### 6.3 Indicator Lights

- **POWER (Green):** Illuminates when the device is powered on and operating normally.
- **>V (Red):** Illuminates when an over-voltage condition is detected.
- **<V (Red):** Illuminates when an under-voltage condition is detected.
- **>A (Red):** Illuminates when an over-current condition is detected.

## 7. MAINTENANCE

---

The SVP-63A is designed for long-term, reliable operation with minimal maintenance. However, periodic checks can help ensure optimal performance.

- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners or solvents.
- **Connection Checks:** Periodically check all wiring connections to ensure they remain tight and secure. Loose connections can cause overheating and malfunction.
- **Environmental Conditions:** Ensure the operating environment remains within the specified temperature and humidity ranges.
- **No User-Serviceable Parts:** Do not attempt to open or repair the device. There are no user-serviceable parts inside. Any unauthorized tampering will void the warranty.



Figure 4: Side view of the SVP-63A protector, showing ventilation slots for heat dissipation.

## 8. TROUBLESHOOTING

If you encounter issues with your SVP-63A protector, refer to the following common problems and solutions:

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Device not powering on.	No input power; incorrect wiring; internal fault.	Check main power supply. Verify wiring connections. If problem persists, contact support.

Device trips frequently (Over-Voltage/Under-Voltage).	Unstable power supply; protection thresholds set too close to normal operating voltage.	Monitor power supply stability. Adjust voltage protection thresholds slightly wider if power fluctuations are minor.
Device trips frequently (Over-Current).	Connected load exceeds device's current rating; over-current threshold set too low.	Reduce connected load. Adjust over-current threshold to match the maximum expected load, ensuring it does not exceed 63A.
Display shows abnormal readings.	Wiring issue; internal sensor fault.	Verify wiring. If readings are consistently incorrect, contact support.

If the issue is not listed or persists after attempting the solutions, please contact TEZLUCAZ customer support for further assistance.

## 9. WARRANTY AND SUPPORT

Specific warranty information for the TEZLUCAZ SVP-63A is typically provided with the product packaging or available on the manufacturer's official website. Please retain your purchase receipt for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact TEZLUCAZ customer service through their official channels. Refer to the contact information provided in your product documentation or on the TEZLUCAZ website.

**Manufacturer:** TEZLUCAZ

**Website:** [Search TEZLUCAZ on Amazon](#) (or refer to official product documentation for direct manufacturer website)

© 2024 TEZLUCAZ. All rights reserved.

This manual is subject to change without notice. Please refer to the latest version available from the manufacturer.