

Hager SVN129

Hager SVN129 LED Pilot Light Instruction Manual

Model: SVN129 | Brand: Hager

1. INTRODUCTION

This instruction manual provides essential information for the safe installation, operation, and maintenance of the Hager SVN129 LED Pilot Light. The SVN129 is a compact indicator designed for electrical panels and control systems, featuring red, green, and orange LED illumination and operating on a 230V AC supply. Please read this manual thoroughly before installation and keep it for future reference.

2. SAFETY INFORMATION

WARNING: Electrical installation should only be performed by qualified and authorized personnel. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect power at the main circuit breaker before installing or servicing the device.
- Ensure all wiring complies with local and national electrical codes.
- Do not operate the device if it appears damaged.
- This device is designed for indoor use in dry locations unless otherwise specified.
- Verify the supply voltage matches the device's rated voltage (230V AC).

3. PRODUCT OVERVIEW

The Hager SVN129 is an LED pilot light designed for clear visual indication within electrical systems. Its key features include:

- LED Illumination:** Provides bright red, green, and orange light for status indication.
- Voltage Rating:** Operates on 230V AC.
- Module Size:** Occupies 1 module space in a standard electrical panel.
- Frequency:** Designed for 50/60 Hz systems.



Figure 1: Hager SVN129 LED Pilot Light. This image displays the front view of the SVN129 LED pilot light, highlighting its compact form factor suitable for integration into electrical panels. The indicator features a clear lens, designed to display red, green, or orange light depending on the operational status.

4. SETUP AND INSTALLATION

Installation of the Hager SVN129 LED Pilot Light should be carried out by a qualified electrician in accordance with all applicable electrical standards and regulations.

1. **Power Disconnection:** Ensure the main power supply to the installation area is completely disconnected and secured against accidental re-connection.
2. **Mounting:** The SVN129 is designed for DIN rail mounting. Snap the device onto the DIN rail in the desired position within the electrical enclosure.
3. **Wiring:** Connect the 230V AC supply wires to the designated terminals on the pilot light. Refer to the wiring diagram on the device or packaging for correct polarity and connection points. Typically, these devices have two terminals for line and neutral connections.
4. **Secure Connections:** Ensure all terminal screws are tightened securely to prevent loose connections, which can cause overheating or intermittent operation.
5. **Verification:** Double-check all wiring connections before restoring power.
6. **Power Restoration:** Restore power to the circuit. The pilot light should illuminate according to the circuit status it is monitoring.

5. OPERATING INSTRUCTIONS

The Hager SVN129 LED Pilot Light operates as a visual indicator. Once correctly installed and connected to a 230V AC circuit, it will illuminate to indicate the status of that circuit or a specific condition within an electrical system.

- The specific color (red, green, or orange) displayed by the LED will depend on the model variant and the intended application for which it was selected.
- No user interaction is required for its operation beyond initial installation.

6. MAINTENANCE

The Hager SVN129 LED Pilot Light is designed for minimal maintenance. However, periodic checks can ensure continued reliable operation.

- **Cleaning:** If necessary, gently wipe the surface of the pilot light with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the device for any signs of physical damage, discoloration, or loose connections. If any issues are found, disconnect power and consult a qualified electrician.
- **No User Serviceable Parts:** The LED pilot light contains no user-serviceable parts. Do not attempt to open or repair the unit.

7. TROUBLESHOOTING

If the Hager SVN129 LED Pilot Light is not functioning as expected, consider the following troubleshooting steps:

- **Light Not Illuminating:**
 - Check if the power supply to the circuit is active.
 - Verify that the pilot light is correctly wired and connections are secure.
 - Ensure the supply voltage is 230V AC.
 - If the above steps do not resolve the issue, the device may be faulty and require replacement by a qualified electrician.
- **Intermittent Operation:**
 - Check for loose wiring connections at the terminals.
 - Ensure stable power supply to the circuit.

For issues not covered here, contact a qualified electrician or Hager customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	SVN129
Brand	Hager
Lamp Type	LED
LED Colors	Red, Green, Orange
Voltage	230V AC
Assigned Frequency	50/60 Hz

Feature	Detail
Number of Modules	1
Wattage	7 watts
Item Package Quantity	1
Batteries Required?	No
Manufacturer	Hager

9. WARRANTY AND SUPPORT

For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Hager website. For technical support or inquiries, please contact Hager customer service through their official channels.

Note: Product specifications and appearance are subject to change without prior notice.