

OONO D-1561T

OONO DIN Rail Mount AC 120V NEMA 5-15R 4 Receptacles Outlet Power Strip Module D-1561T User Manual

MODEL: D-1561T

Brand: OONO

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your OONO DIN Rail Mount AC 120V NEMA 5-15R 4 Receptacles Outlet Power Strip Module, Model D-1561T. Please read this manual thoroughly before installation and use, and retain it for future reference. This module is designed for integration into electrical systems requiring DIN rail mounting and offers four NEMA 5-15R outlets with an integrated rocker switch and thermal circuit breaker for overload protection.

2. SAFETY INFORMATION

Always adhere to local electrical codes and safety regulations during installation and operation. Improper installation or use can result in electric shock, fire, or damage to equipment.

- Ensure power is disconnected at the main circuit breaker before performing any installation or maintenance.
- This device is designed for AC 120V systems. Do not connect to other voltage systems.
- The total current draw from all receptacles must not exceed 15 Amps.
- Use appropriate wire gauges for connections to prevent overheating.
- All connections must be secure to avoid loose contacts and potential hazards.
- The product is certified by UL and CE, ensuring compliance with safety standards.
- Do not attempt to modify or disassemble the module. Refer servicing to qualified personnel.

3. PRODUCT OVERVIEW

3.1 Features

- Four 3-prong grounded NEMA 5-15R AC receptacles with reinforced design for stability.

- Operates on AC 120V. Each receptacle is rated for 15 Amps, with a total output current limited to 15 Amps by the overload protector.
- Integrated resettable rocker switch thermal circuit breaker (15 Amps) with a built-in red indicator for manual ON/OFF control and overload protection.
- Input terminals feature a 7.62mm/0.3" pitch, supporting a maximum current of 30 Amps per position. Compatible with 26~10 AWG wire, requiring an 8mm stripping length and Metric M3 slotted screws. Designed to support power supply expansion to other modules.
- DIN rail mount carrier supports 35mm rails. Constructed from high-quality fireproof nylon material.
- UL CE certified DIN rail nylon material mount carrier. UL 94-V0 certified FR-4 fiberglass material PCB. UL CE CQC certified terminal blocks. UL certified NEMA 5-15R receptacle. UL certified circuit breaker.

3.2 Components

The OONO D-1561T module consists of the following key components:

- **NEMA 5-15R Receptacles:** Four standard 3-prong outlets for connecting devices.
- **Rocker Switch with Thermal Circuit Breaker:** Controls power to the outlets and provides overload protection. The red indicator will illuminate when the switch is ON.
- **Input Terminal Blocks:** Screw terminals for connecting incoming AC power (Line, Neutral, Ground).
- **DIN Rail Mount:** Integrated mechanism for easy attachment to standard 35mm DIN rails.

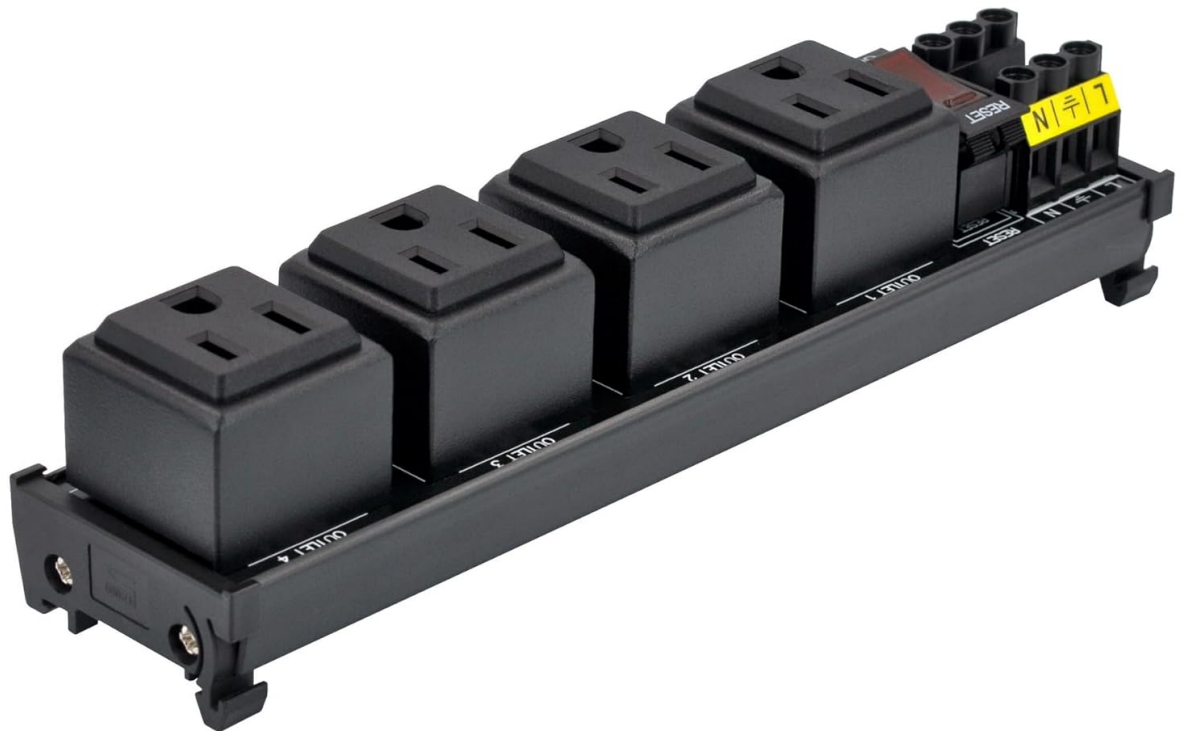
3.3 Product Images



Front view of the OONO D-1561T power strip module, showing the four NEMA 5-15R receptacles, the rocker switch with reset button, and input terminals.

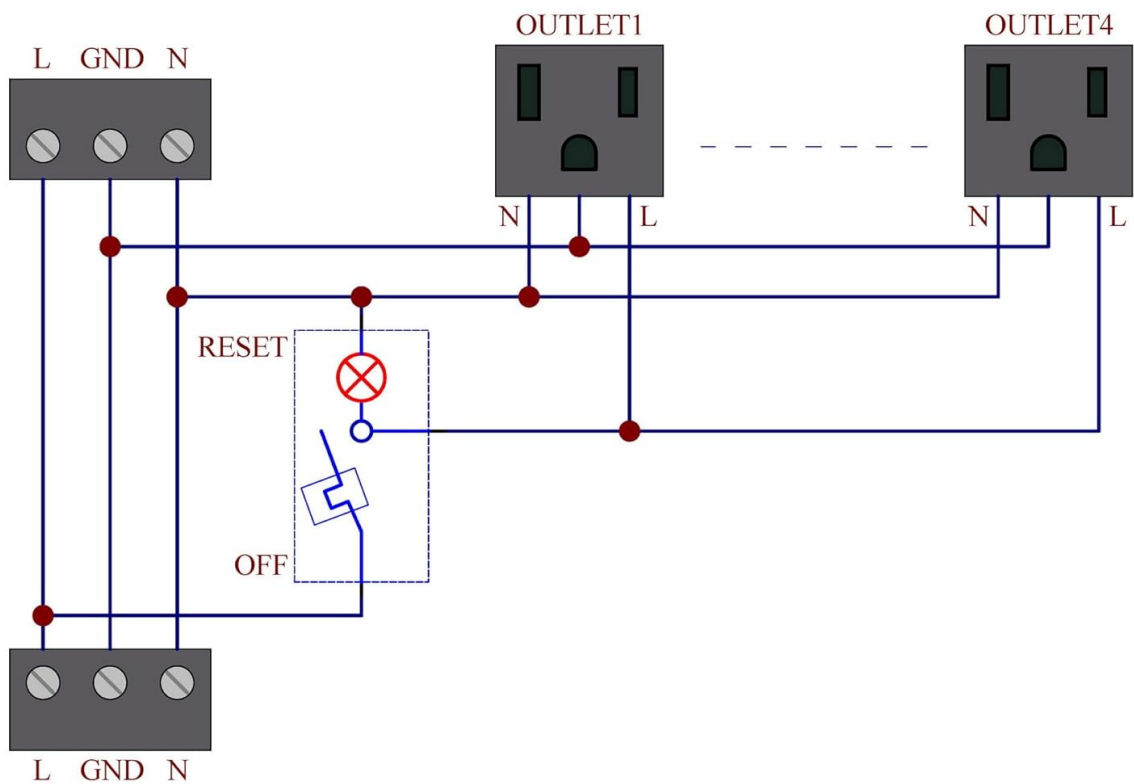


Angled view of the OONO D-1561T module, highlighting the robust construction and terminal block connections.

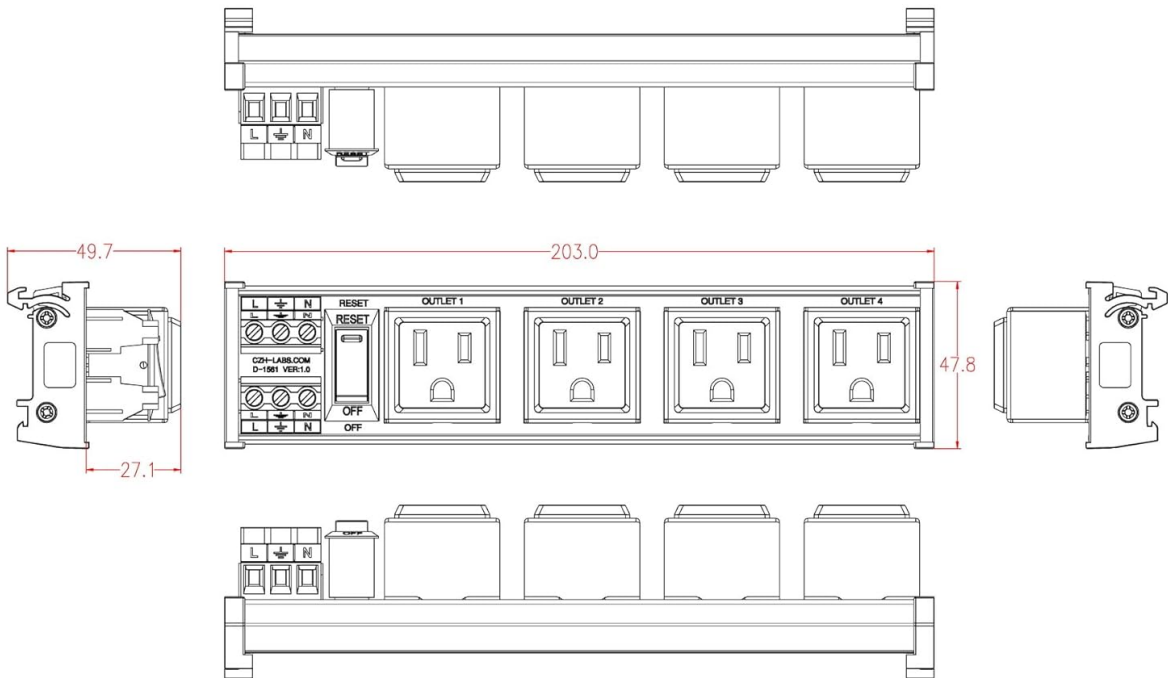



A different angled perspective of the power strip module, showing the side profile and receptacle arrangement.

Schematic

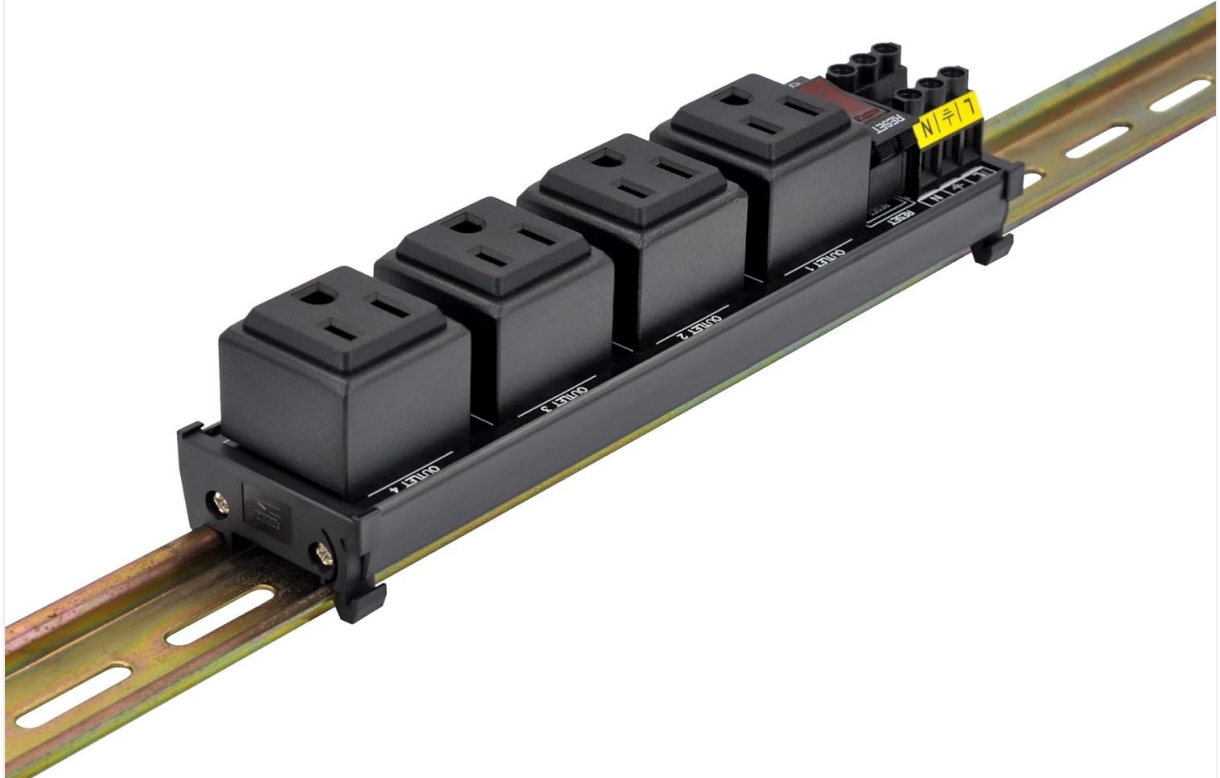


Electrical schematic diagram illustrating the internal wiring and connections of the NEMA 5-15R outlets, circuit breaker, and input terminals.



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MODEL NO: D-1561T	SKU: MD-D1561T-1
PROJECTION: 	UNIT: mm

Detailed dimensional drawing of the OONO D-1561T module, providing measurements for installation planning.



The OONO D-1561T power strip module securely mounted on a standard DIN rail, demonstrating its intended installation method.



Bottom view of the OONO D-1561T module, showing the DIN rail mounting clips and overall construction.

4. SETUP AND INSTALLATION

4.1 Mounting on DIN Rail

The D-1561T module is designed for quick and secure mounting on a standard 35mm DIN rail.

1. Ensure the DIN rail is properly installed and secured within your electrical enclosure.
2. Align the module's DIN rail clips with the top edge of the DIN rail.
3. Press the module firmly downwards until it clicks into place on the rail.
4. To remove, gently pull the bottom edge of the module away from the rail while lifting upwards.

Your browser does not support the video tag.

Video demonstrating the installation of a similar OONO DIN rail mount power strip module onto a DIN rail. This video illustrates the secure mounting process.

4.2 Wiring Instructions

Before wiring, ensure all power is OFF at the source. Connect the incoming AC 120V power to the input terminal blocks as follows:

- **Line (L):** Connect the hot wire to the terminal marked 'L'.
- **Neutral (N):** Connect the neutral wire to the terminal marked 'N'.
- **Ground (GND):** Connect the ground wire to the terminal marked 'GND' (or the ground symbol).

The input terminals accommodate 26~10 AWG wire. For optimal and secure connections, it is highly recommended to use wire ferrules on the stripped ends of your wires before inserting them into the terminal blocks. Strip approximately 8mm of insulation from the wire ends. Tighten the Metric M3 slotted screws firmly to ensure a reliable connection.

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Video showcasing the wiring and functionality of an OONO DIN rail mount power module with a rocker switch and overload protector. This video provides a visual guide to connecting the power input and operating the switch.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

The module features a rocker switch with an integrated thermal circuit breaker for controlling power to the four NEMA 5-15R outlets.

- To turn the power ON, press the rocker switch to the 'ON' position. The built-in red indicator will illuminate, signifying that power is supplied to the outlets.
- To turn the power OFF, press the rocker switch to the 'OFF' position. The red indicator will turn off.

5.2 Overload Protection

The integrated 15 Amp thermal circuit breaker protects connected devices from overcurrent conditions. If the total current draw from the outlets exceeds 15 Amps, the circuit breaker will trip, automatically cutting power to the outlets. The rocker switch will move to a central or 'TRIPPED' position.

- If the circuit breaker trips, disconnect some devices from the outlets to reduce the load.
- Wait a few moments for the breaker to cool down.
- To reset the circuit breaker and restore power, press the rocker switch firmly back to the 'ON' position.
- If the breaker repeatedly trips, investigate the connected devices for faults or ensure the total load does not exceed 15 Amps.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your power strip module.

- **Cleaning:** Periodically clean the exterior of the module with a dry, soft cloth. Do not use liquid cleaners or solvents. Ensure power is off before cleaning.
- **Connection Inspection:** Annually inspect all wire connections at the input terminals to ensure they remain tight and free from corrosion. Loose connections can lead to overheating and fire hazards.
- **Environmental Conditions:** Ensure the module is operated within its specified environmental conditions (temperature, humidity) to prevent damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to outlets.	Rocker switch is OFF or tripped.	Press the rocker switch to the 'ON' position. If tripped, reduce load and reset.
No power to outlets.	No incoming power to the module.	Check the main circuit breaker and power source supplying the module. Verify input wiring.
Circuit breaker trips repeatedly.	Overload condition (total current exceeds 15 Amps).	Reduce the number of devices connected or replace high-power devices with lower-power alternatives. Ensure total load is below 15 Amps.
Loose connections or arcing at terminals.	Improperly tightened terminal screws or inadequate wire preparation.	Disconnect power, re-strip wires, use ferrules, and securely tighten terminal screws. Consult a qualified electrician if unsure.

8. SPECIFICATIONS

Specification	Value
Model Number	D-1561T
Brand	OONO
Working Voltage	AC 120V
Total Power Outlets	4 (NEMA 5-15R)
Single Receptacle Rated Current	15 Amps
Total Output Rated Current	15 Amps (limited by overload protector)
Overload Protector Current	15 Amps
Input Terminals Pitch	7.62mm / 0.3"
Max Input Current per Position	30 Amps
Compatible Wire Size	26~10 AWG




Specification	Value
Stripping Length	8mm
Screw Type	Metric M3 slotted screw
DIN Rail Compatibility	35mm rail
Material	High quality fireproof nylon
Certifications	UL, CE, CQC (for specific components)
Package Dimensions	8.5 x 2.6 x 2.09 inches
Item Weight	8.47 ounces




9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact OONO customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the OONO Store for more information:[OONO Store on Amazon](#)

Related Documents - D-1561T

	<p>OONO F-1063B Manual and Automatic Transfer Switch - 120V 15A ATS</p> <p>Detailed guide for the OONO F-1063B Manual and Automatic Transfer Switch. Learn about its features, specifications, installation, and safety for switching between inverter/generator and utility power sources.</p>
	<p>OONO F-1030 Series DPST 1NO 1NC 8Amp Latching Relay Module Technical Specifications</p> <p>Detailed technical specifications, features, and wiring diagrams for the OONO F-1030 series DPST 1NO 1NC 8Amp Latching Relay Module. Covers input control modes, output switch capabilities, voltage versions, and dimensions.</p>
	<p>OONO F-1057 Electric Heating Relay User Manual</p> <p>Instructions and specifications for the OONO F-1057 On/Off Switching Electric Heating Relay with Built-in 24V Transformer, designed for AC 120V resistive loads controlled by low voltage thermostats.</p>

 <p>OONO® CZH-LABS.com</p> <p>DC 18 to 30V 80Amp Automatic Low Voltage Disconnect Module Model: F-1040</p> <p>The image shows a black rectangular module with two red push-buttons on the front. Labels include 'OONO', '80A', '18-30V 80 AMP', 'PROTECTION (LOW VOLTAGE DISCONNECT)', 'BATTERY+', and 'LOAD+'.</p>	<p>OONO F-1040 Automatic Low Voltage Disconnect Module: Features, Specifications, and Installation</p> <p>Detailed information on the OONO F-1040 Automatic Low Voltage Disconnect Module, including its features, operating voltage, current rating, installation guide, and specifications for protecting batteries from deep discharge.</p>
 <p>OONO® CZH-LABS.com</p> <p>50 Amp Forward & Reverse Relay Module Model: F-1021 series</p> <p>The image shows a black rectangular module with four colored push-buttons (green, red, yellow, red) and a red LED indicator. Labels include 'OONO', '50A', '12V', '24V', '50 AMP', 'FORWARD', 'REVERSE', 'STOP', and 'LED'.</p>	<p>OONO F-1021 Series 50 Amp Forward & Reverse Relay Module - Technical Specifications</p> <p>Comprehensive technical specifications, features, wiring diagrams, and dimensions for the OONO F-1021 series 50 Amp Forward & Reverse Relay Module, designed for motor control applications requiring motion reversal.</p>
 <p>OONO® CZH-LABS.com</p> <p>10 Amp Forward & Reverse Relay Module Model: F-1020 series (5V 12V 24V version)</p> <p>The image shows a black rectangular module with four colored push-buttons (green, red, yellow, red) and a red LED indicator. Labels include 'OONO', '10A', '5V', '12V', '24V', '10 AMP', 'FORWARD', 'REVERSE', 'STOP', and 'LED'.</p>	<p>OONO 10 Amp Forward & Reverse Relay Module F-1020 Series: User Guide</p> <p>Detailed guide for the OONO F-1020 series 10 Amp Forward & Reverse Relay Module, covering features, specifications, wiring diagrams, and dimensions for 5V, 12V, and 24V versions.</p>