

OONO D-1652GP

OONO D-1652GP 16Amp 300V 2x6 Position Pluggable Terminal Block Distribution Module User Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the OONO D-1652GP 16Amp 300V 2x6 Position Pluggable Terminal Block Distribution Module. Please read these instructions carefully before installation and operation to ensure proper functionality and to prevent damage or injury.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure all power sources are disconnected before installing, wiring, or performing maintenance on the module.
- Verify that the voltage and current ratings of your application do not exceed the module's specifications.
- Use appropriate wire gauges (26AWG ~ 12AWG / 2.5mm square) for connections to prevent overheating and ensure secure contact.
- All electrical work should be performed by qualified personnel in accordance with local and national electrical codes.
- Avoid exposing the module to moisture, extreme temperatures, or corrosive environments.
- Do not modify the module. Unauthorized modifications can lead to malfunction, electric shock, or fire.

3. PRODUCT OVERVIEW

The OONO D-1652GP is a robust 16Amp 300V 2x6 position screw pluggable terminal block distribution module designed for efficient power and signal distribution in industrial and scientific applications. It features a single 2-pole input and five 2-pole pluggable outputs, allowing for flexible wiring configurations.

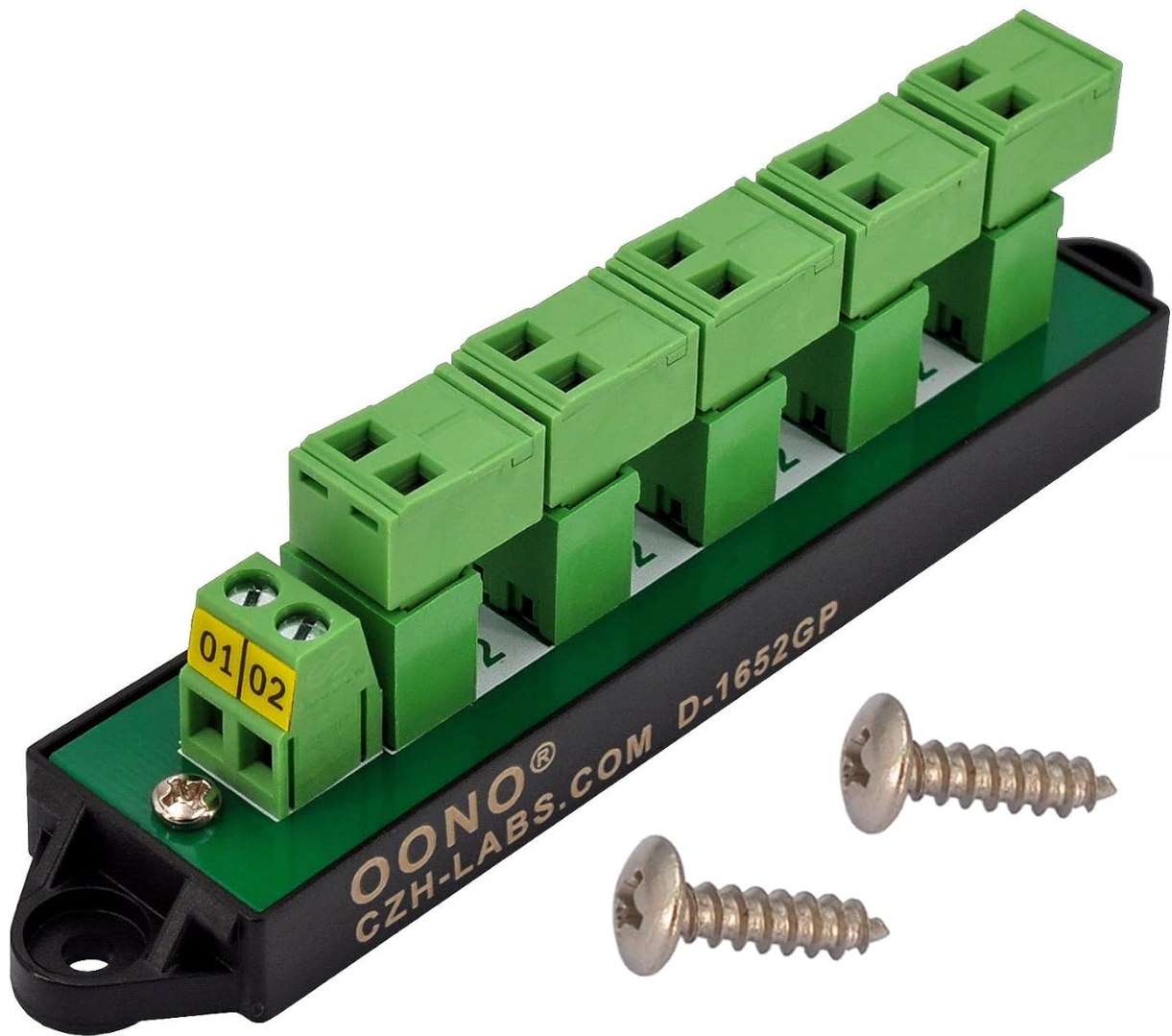


Figure 3.1: OONO D-1652GP Pluggable Terminal Block Distribution Module. This image shows the main view of the distribution module with its green pluggable terminal blocks.

Key features include:

- **Input:** One 2-pole screw terminal block (Pitch 5.0mm/0.197")
- **Output:** Five 2-pole pluggable screw terminal blocks (Pitch 5.08mm/0.2")
- **Rated Current:** 16 Amp (per pole total input or output)
- **Maximum Voltage:** 300V
- **Wire Range:** 26AWG ~ 12AWG / 2.5mm square
- UL CE CQC certified terminal blocks
- FR-4 glass fiber PCB for durability
- PC (Polycarbonate plastic) mounting base with 304 stainless steel screws

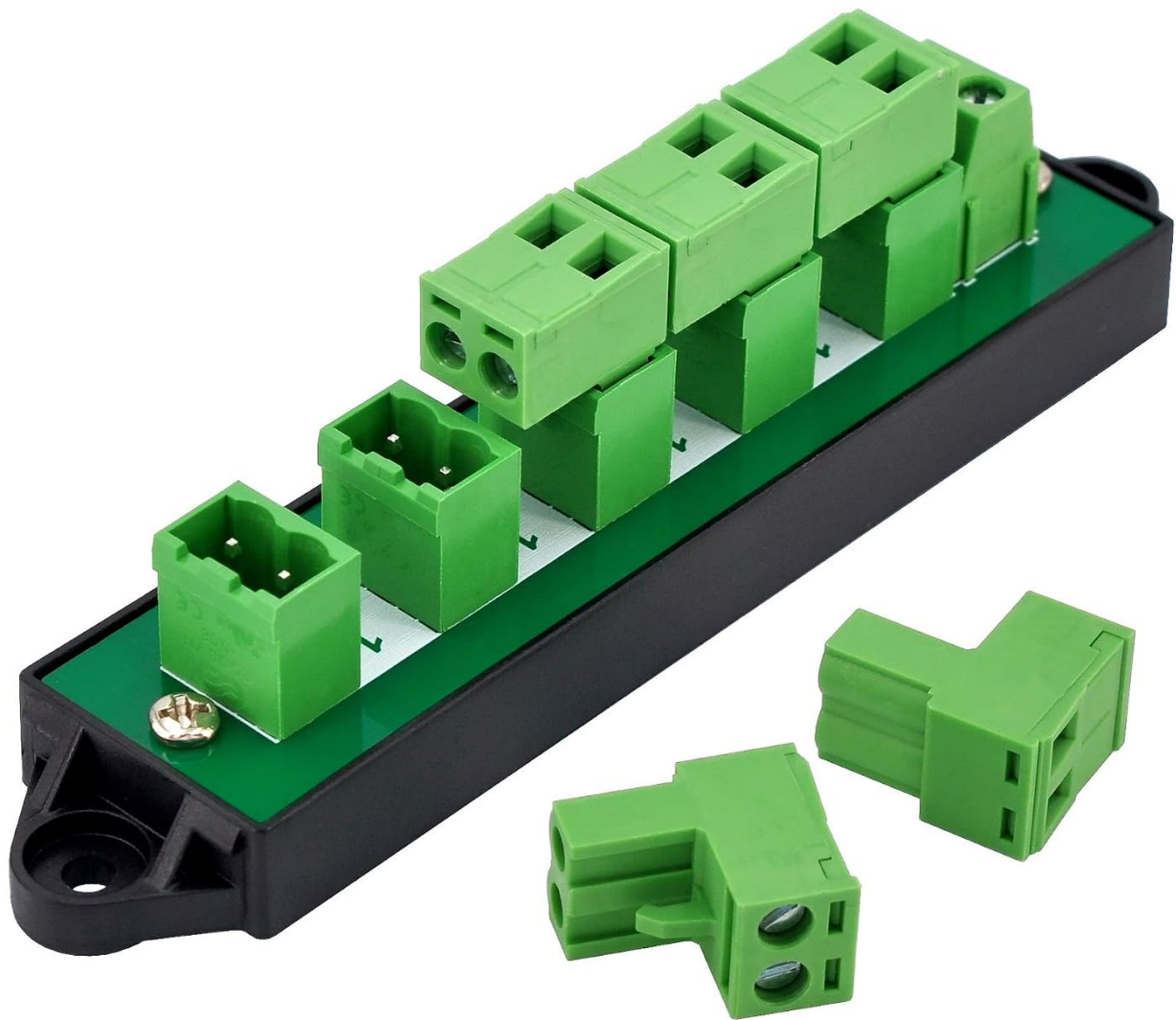


Figure 3.2: Angled view of the OONO D-1652GP module with the pluggable terminal blocks detached, showing the base connectors.

4. SETUP

4.1 Mounting

The OONO D-1652GP module is designed for surface mounting. Use the integrated mounting holes at each end of the module to secure it to a flat surface. The module comes with 304 stainless steel screws for mounting.

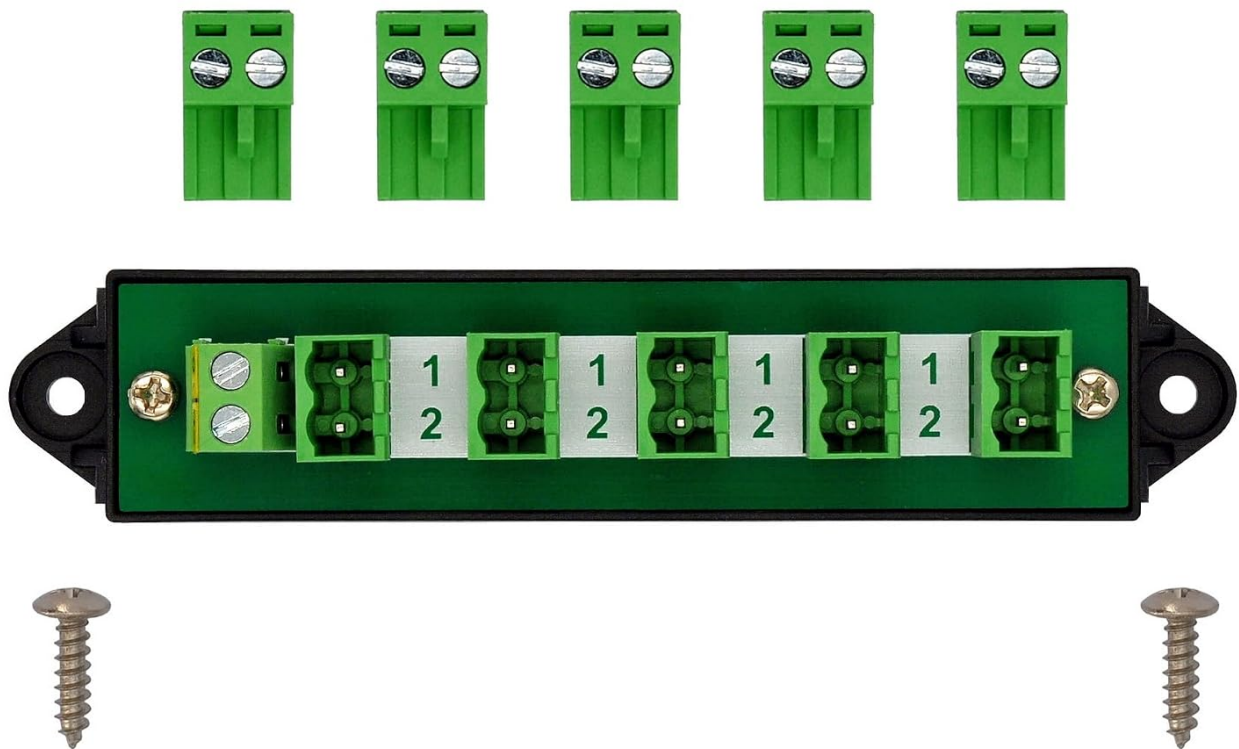


Figure 4.1: Top view of the OONO D-1652GP module, highlighting the mounting holes and the arrangement of the input and output terminal blocks.

4.2 Wiring Connections

Follow these steps to connect your wires:

1. **Prepare Wires:** Strip approximately 7mm of insulation from the ends of your 26AWG to 12AWG wires.
2. **Input Connection:** Connect your main power or signal input to the single 2-pole screw terminal block. Loosen the M3 screws, insert the stripped wire ends, and tighten the screws securely to ensure good electrical contact.
3. **Output Connections:** Connect your loads or devices to the five 2-pole pluggable screw terminal blocks. These blocks can be inserted into and removed from the main module for convenience. Loosen the M3 screws on the pluggable blocks, insert the stripped wire ends, and tighten. Then, plug the wired terminal blocks into the corresponding positions on the main module.

Schematic

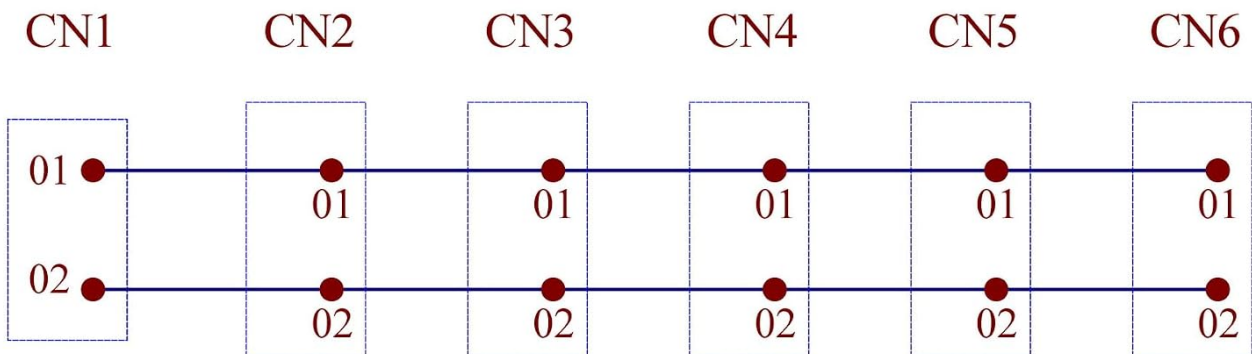


Figure 4.2: The OONO D-1652GP module with some of its pluggable terminal blocks inserted, demonstrating how they connect to the main board.

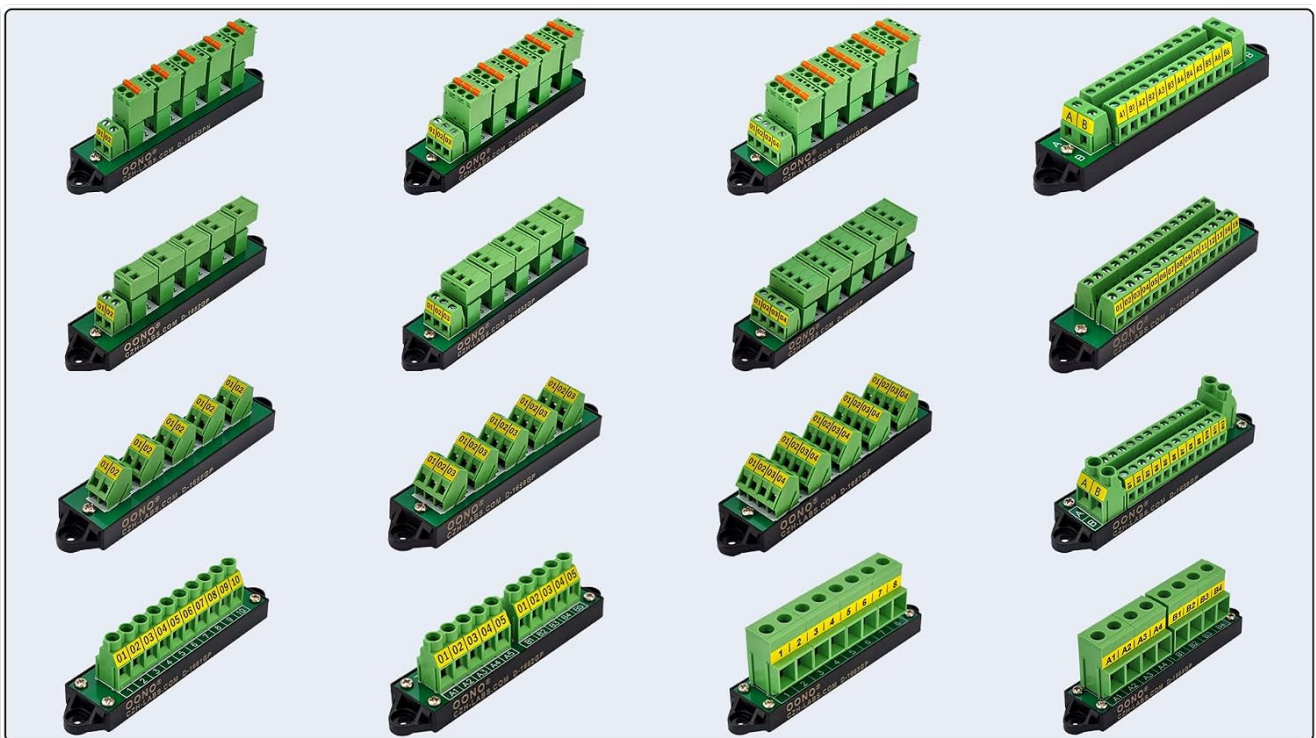


Figure 4.3: The OONO D-1652GP module with multiple wires connected to its pluggable terminal blocks, illustrating a typical wiring setup.

Important: Double-check all connections for proper polarity and secure fastening before applying power.

5. OPERATING INSTRUCTIONS

Once the module is securely mounted and all wiring connections are verified, power can be applied to the input terminal. The module will then distribute the power or signal to the connected output terminals. Ensure that the total current drawn by all connected devices does not exceed the module's rated current of 16 Amp per pole.

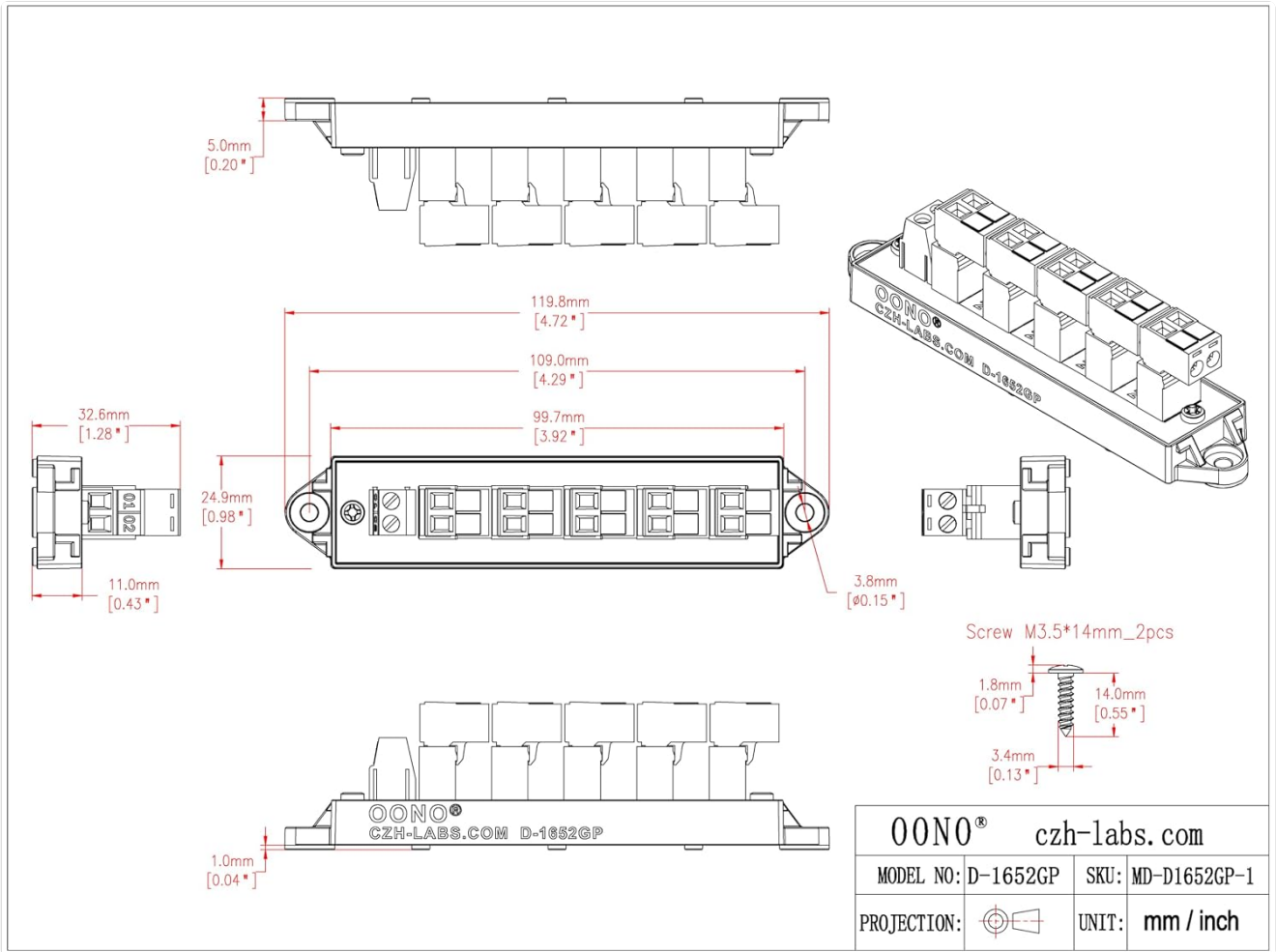


Figure 5.1: Schematic diagram illustrating the internal connections of the OONO D-1652GP module, showing the common input and distributed outputs.

6. MAINTENANCE

The OONO D-1652GP module requires minimal maintenance. Periodically inspect the module and its connections:

- **Visual Inspection:** Check for any signs of physical damage, discoloration, or loose connections.
- **Connection Tightness:** Ensure all screw terminals remain tight. Over time, vibrations or temperature changes can cause screws to loosen.
- **Cleaning:** If necessary, gently clean the module with a dry, soft cloth. Do not use liquid cleaners or solvents.

Always disconnect power before performing any maintenance.

7. TROUBLESHOOTING

If you encounter issues with the OONO D-1652GP module, consider the following:

- **No Power/Signal Output:**

- Verify that power is correctly applied to the input terminal.
- Check all wiring connections for tightness and proper contact.
- Ensure the pluggable terminal blocks are fully seated in the main module.
- Confirm that the connected load is functioning correctly.

- **Intermittent Connection:**

- Inspect for loose wires or damaged insulation.
- Ensure the wire gauge is appropriate and the stripped length is correct (7mm).

- **Overheating:**

- Verify that the total current draw does not exceed 16 Amp per pole.
- Check for short circuits in the connected wiring or devices.

If problems persist, consult a qualified electrician or contact technical support.

8. SPECIFICATIONS

Parameter	Value
Model Number	D-1652GP
Connector Type	Screw
Number of Contacts	12 (2x6 positions)
Rated Current	16 Amp (per pole total input or output)
Maximum Voltage	300V
Input Terminal Pitch	5.0mm / 0.197"
Output Terminal Pitch	5.08mm / 0.2"
Wire Range	26AWG ~ 12AWG / 2.5mm square
Strip Length	7mm
Input Screws	M3, steel, Cr3+ Zn plated
Output Screws	M3, steel, Cr3+ Zn plated
Pin Header and Cage	Brass
PCB Material	FR-4 glass fiber
Mounting Base Material	PC (Polycarbonate plastic)
Mounting Screws	304 stainless steel
Product Dimensions (W x H)	12W x 2.5H Centimeters
Specification Met	RoHS
Certifications	UL CE CQC certified terminal blocks

Country of Origin	USA
Manufacturer	CZH-LABS

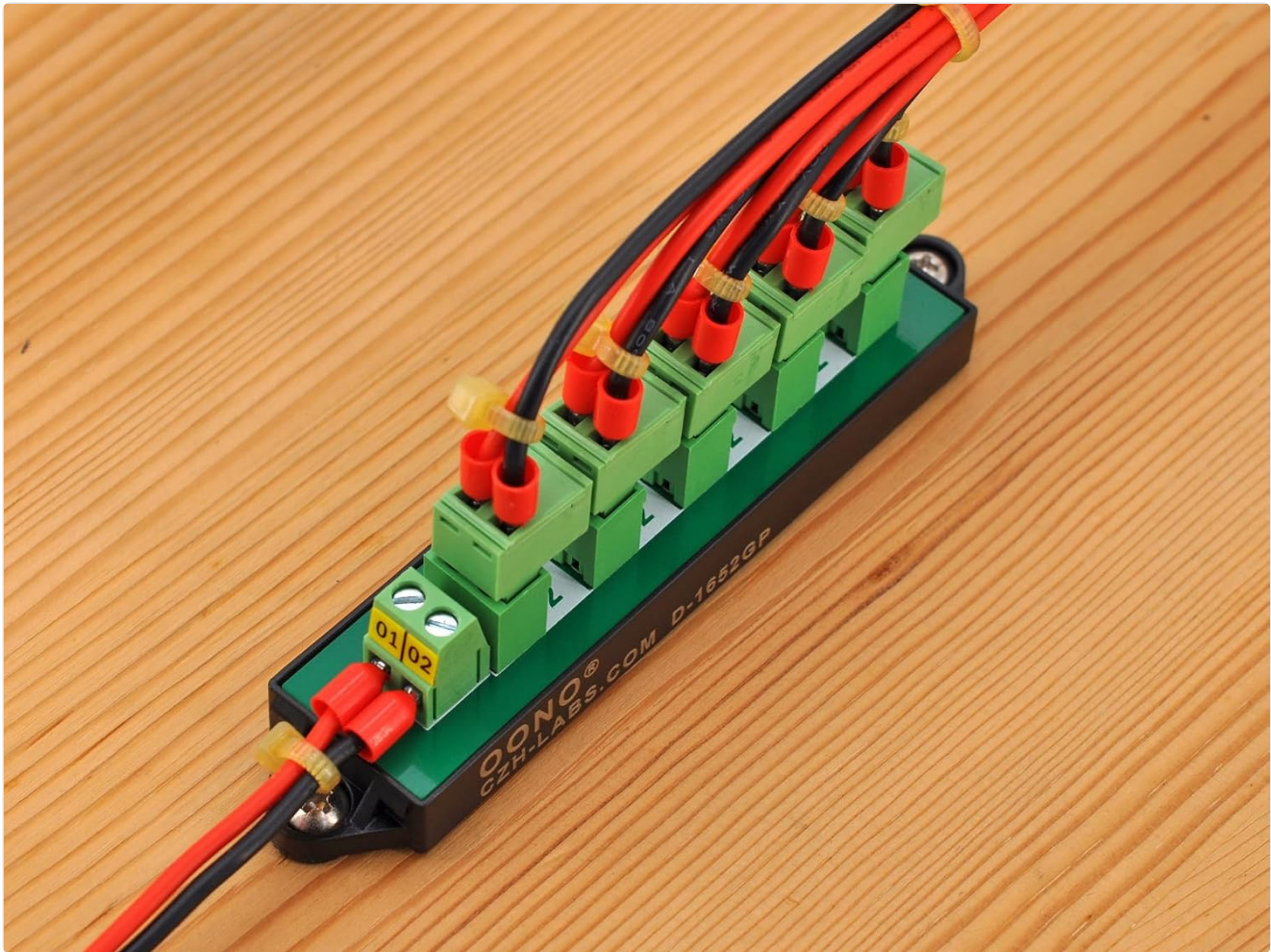


Figure 8.1: Dimensional drawing of the OONO D-1652GP module, showing precise measurements in millimeters and inches.

9. WARRANTY INFORMATION

Warranty information for the OONO D-1652GP module is not explicitly specified in the provided product details. Please refer to the retailer's or manufacturer's website for current warranty terms and conditions, or contact your point of purchase for details.

10. SUPPORT

For technical assistance, product inquiries, or further support regarding the OONO D-1652GP module, please contact the manufacturer, CZH-LABS, or the authorized reseller from whom you purchased the product. Refer to your purchase documentation for specific contact information.

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