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mxuteuk MXU-DIN-150

Instruction Manual for mxuteuk DIN Rail Slotted Aluminum

Model: MXU-DIN-150

Brand: mxuteuk

1. INTRODUCTION

The mxuteuk DIN Rail Slotted Aluminum (Model: MXU-DIN-150) is designed for the efficient installation of modular electrical appliances. These rails facilitate streamlined line design, improve installation speed, simplify maintenance procedures, and contribute to reducing overall manufacturing and usage costs in various electrical and industrial applications.

2. PRODUCT OVERVIEW AND COMPONENTS

The MXU-DIN-150 DIN rails are versatile components suitable for mounting various electronic devices and electrical components. Each package contains the following items:

- 3 pcs x DIN rails
- 6 pcs x Screws



Figure 2.1: Package contents including three DIN rails and six screws.

3. SPECIFICATIONS

Detailed specifications for the mxuteuk MXU-DIN-150 DIN Rail:

Attribute	Value
Model Number	MXU-DIN-150
Height	7.5mm / 0.29 inches
Length	150mm / 6 inches (-1% for easy installation)
Width	35mm / 1.38 inches
Material	Aluminum
Color	Silver Tone

Package Dimensions	5.83 x 2.72 x 0.51 inches
Item Weight	2.08 ounces



Figure 3.1: Detailed technical drawing showing DIN rail dimensions.

4. SETUP AND INSTALLATION

The mxuteuk DIN rails are designed for practical and easy installation using the provided screws. Follow these steps for proper setup:

- Preparation:** Identify the desired location for mounting the DIN rail within your terminal box, distribution box, control cabinet, switchgear, or other equipment. Ensure the surface is clean and stable.
- Positioning:** Place the DIN rail in the intended position. The slotted design allows for flexible alignment.
- Mounting:** Use the provided screws to secure the DIN rail to the mounting surface. Each rail is supplied with two screws for secure attachment. Tighten the screws firmly but do not overtighten to avoid damaging the rail or the mounting surface.
- Verification:** After mounting, gently test the rail to ensure it is securely fastened and does not wobble.

We have 2 screws for each rail



Figure 4.1: Each DIN rail is supplied with two screws for secure mounting.

5. OPERATING AND USAGE

Once installed, the mxuteuk DIN rails provide a standardized mounting solution for a wide range of electrical and electronic components. Their versatility makes them perfect for:

- Mounting relays, contactors, and circuit breakers.
- Organizing terminal blocks and power supplies.
- Integrating various electronic modules and devices.
- Use in industrial control panels, automation systems, and electrical distribution boards.

The slotted design allows for easy attachment and repositioning of components, facilitating efficient wiring and system layout.

6. MAINTENANCE

The mxuteuk DIN rails are constructed from durable aluminum and require minimal maintenance. To ensure

longevity and optimal performance:

- **Regular Inspection:** Periodically check the rails for any signs of damage, corrosion, or loose connections. Ensure all mounted components are securely fastened.
- **Cleaning:** If necessary, wipe the rails with a dry, lint-free cloth to remove dust or debris. Avoid using abrasive cleaners or solvents that could damage the aluminum finish.
- **Environmental Conditions:** While aluminum is resistant to many environmental factors, avoid exposing the rails to excessively corrosive chemicals or extreme temperatures beyond typical industrial operating conditions.

7. TROUBLESHOOTING

Most issues related to DIN rails are typically installation-related. Consider the following if you encounter problems:

- **Rail Not Secure:** If the rail feels loose after installation, ensure the mounting screws are properly tightened. Check if the mounting surface is flat and provides adequate support.
- **Components Not Fitting:** Verify that the components you are attempting to mount are compatible with standard 35mm DIN rails. Ensure there are no obstructions on the rail itself.
- **Damage to Rail:** If the rail appears bent or damaged, it may affect the secure mounting of components. Replace any damaged rails to ensure system integrity.

8. WARRANTY AND SUPPORT

For specific warranty information regarding your mxuteuk DIN Rail Slotted Aluminum (Model: MXU-DIN-150), please refer to the product packaging or contact the seller directly. Warranty terms typically cover manufacturing defects.

For technical support, product inquiries, or assistance with your mxuteuk product, please contact the manufacturer or visit the official mxuteuk store:

Manufacturer/Seller: mxuteuk

Online Store: [mxuteuk Amazon Store](#)