

Weidmüller 5542

Weidmüller EW 35 End Bracket (Model 5542) Instruction Manual

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1. INTRODUCTION

This manual provides essential information for the proper installation and use of the Weidmüller EW 35 End Bracket. Please read these instructions carefully before installation and retain for future reference.

1.1 Product Overview

The Weidmüller EW 35 is an end bracket designed for securing terminal blocks and other components on a DIN rail. It is constructed from Polyamide 6/6 and features a beige color. Its primary function is to prevent lateral movement of components on the rail, ensuring a stable and organized electrical panel or control cabinet.

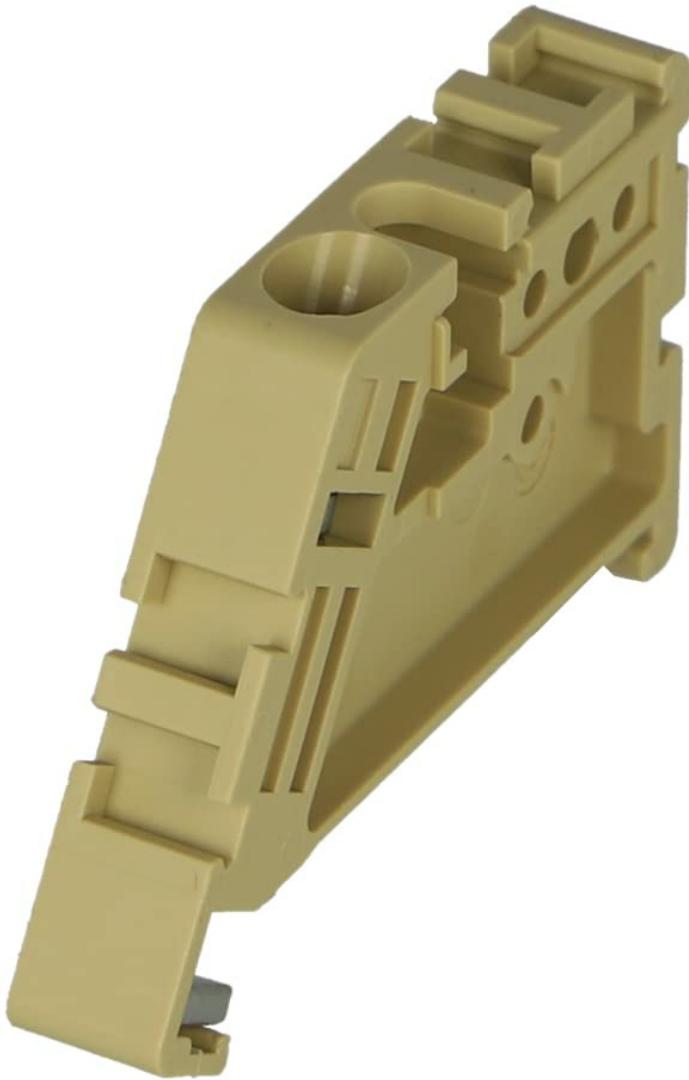


Image of the Weidmüller EW 35 End Bracket, a beige-colored component designed to secure items on a DIN rail. The bracket features a robust structure with specific contours for rail attachment and component retention.

2. SAFETY INFORMATION

2.1 General Safety Guidelines

- Ensure all power is disconnected from the system before installing or removing components on the DIN rail.
- Installation should only be performed by qualified and authorized personnel.
- Do not modify the product. Use it only for its intended purpose as an end bracket for DIN rail components.
- Wear appropriate personal protective equipment (PPE) during installation.
- Keep the product away from extreme temperatures, corrosive substances, and direct mechanical stress beyond its design limits.

3. SETUP AND INSTALLATION

3.1 Required Tools

- No special tools are typically required for the EW 35 End Bracket.
- A flat-head screwdriver may be useful for leverage if the bracket is very tight or for removing it.

3.2 Installation Procedure

1. **Prepare the DIN Rail:** Ensure the DIN rail is clean, securely mounted, and free from obstructions.
2. **Position Components:** Install all terminal blocks and other DIN rail components in their desired order.
3. **Place the End Bracket:** Position the EW 35 End Bracket onto the DIN rail at the end of your assembled components.
4. **Secure the Bracket:** Press the end bracket firmly onto the DIN rail until it snaps into place and is securely seated. Slide it tightly against the last component to eliminate any gaps.
5. **Verify Stability:** Gently attempt to move the components and the end bracket to ensure they are firmly held in position and cannot slide along the rail.

4. OPERATING INSTRUCTIONS

4.1 Functionality

The EW 35 End Bracket functions as a mechanical stop to hold terminal blocks and other DIN rail mounted devices firmly in place. It prevents components from shifting due to vibration or external forces, maintaining the integrity and organization of the electrical assembly. No active operation is required once installed.

5. MAINTENANCE

5.1 Cleaning

Clean the bracket periodically with a dry, lint-free cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these may damage the Polyamide material.

5.2 Inspection

Regularly inspect the end bracket for any signs of damage, cracks, or loosening. Ensure it remains securely fastened to the DIN rail and that components are not shifting. Replace any damaged brackets immediately.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **Issue:** The end bracket feels loose on the DIN rail.
Solution: Ensure the bracket is correctly seated and fully engaged with the DIN rail profile. Apply firm pressure to snap it into place. If the rail is worn or damaged, consider replacing the DIN rail.
- **Issue:** Components on the DIN rail are still shifting despite the end bracket.
Solution: Verify that the end bracket is positioned tightly against the last component. Ensure all components are properly installed and secured on the DIN rail. For very long rails or applications with significant vibration, consider using additional end brackets or a central support.
- **Issue:** The end bracket is damaged.
Solution: Replace the damaged end bracket with a new Weidmüller EW 35 End Bracket to ensure proper component retention and system integrity.

7. SPECIFICATIONS

7.1 Technical Data

Attribute	Value
Model	EW 35
Item Number	5542 (0383560000)
Brand	Weidmüller
Material	Polyamide 6/6
Color	Beige
Mounting Type	DIN Rail Mount
Product Dimensions (W x H x D)	1.81" x 1.06" x 1.81" (46mm x 27mm x 46mm)
ASIN	B07XLCCWRZ

8. WARRANTY AND SUPPORT

8.1 Warranty Information

For detailed warranty information regarding the Weidmüller EW 35 End Bracket, please refer to the official Weidmüller website or contact your authorized distributor. Warranty terms and conditions may vary by region and product.

8.2 Customer Support

For technical assistance, product inquiries, or further support, please contact Weidmüller customer support through their official channels. Visit www.weidmueller.com for contact information and regional support details.

Related Documents - 5542

	<p>Weidmüller WEW 35/2 End Bracket - Data Sheet</p> <p>Technical data, ordering information, and accessory details for the Weidmüller WEW 35/2 end bracket, a component for reliable mounting on terminal rails.</p>
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	<p>Weidmüller IOT-GW30-4G-EU IoT Gateway: Technical Specifications and Features</p> <p>Explore the Weidmüller IOT-GW30-4G-EU, a versatile IoT gateway offering Fast Ethernet, 4G LTE connectivity, Node-RED integration, and detailed technical specifications for industrial automation and data acquisition.</p>
	<p>Weidmüller IOT-GW30 IoT Gateway: Features, Technical Data, and Accessories</p> <p>Comprehensive data sheet for the Weidmüller IOT-GW30 IoT Gateway, detailing its features, technical specifications, dimensions, environmental compliance, system data, interfaces, power supply, classifications, approvals, and available accessories like u-link remote access service and mounting kits.</p>
	<p>Weidmüller TERM SERIES TOZ 24-230VUC EMPTY Relay Socket - Technical Data</p> <p>Detailed technical specifications and ordering information for the Weidmüller TERM SERIES TOZ 24-230VUC EMPTY relay socket, including dimensions, electrical data, environmental compliance, and certifications.</p>
	<p>Weidmüller MOFU 35/LO/1 SW Datablad - Montagefot för DIN-skena</p> <p>Detaljerade tekniska specifikationer, mått och klassificeringar för Weidmüller MOFU 35/LO/1 SW montagefot, en komponent för TS 35 DIN-skenor.</p>
	<p>Weidmüller SAK 4 Modular Terminal Blocks: Installation Instructions and Safe Use Conditions</p> <p>Comprehensive installation instructions and safety conditions for Weidmüller SAK 4 series modular terminal blocks, compliant with ATEX, IECEx, and UKCA standards for use in hazardous environments.</p>