

ABUS ET60

ABUS ET60 Electric Door Opener Instruction Manual

MODEL: ET60

1. Product Overview

The ABUS ET60 is an electric door opener designed for remote or manual door access control in various settings, including residential, office, and commercial environments. It facilitates convenient door opening via an electrical impulse or a mechanical release lever. This manual provides essential information for the proper installation, operation, and maintenance of your ET60 unit.



Image Description: A clear, upright view of the ABUS ET60 electric door opener, showcasing its black and metallic construction. This image provides a general visual reference for the product.

2. Setup and Installation

2.1 Installation Requirements

- **Voltage:** 8-14 Volts (AC or DC).
- **Compatibility:** Suitable for both DIN-left and DIN-right opening doors.
- **Installation Method:** Screw-in.
- **Material:** Metal construction.

2.2 Installation Steps

1. Identify the correct position for the door opener in the door frame. The symmetrical design allows for small installation dimensions.
2. Secure the ET60 unit using appropriate screws.
3. Connect the electrical wiring to the terminals. Ensure the power supply is within the specified 8-14V

AC/DC range.

4. After initial installation, adjust the latch mechanism to ensure the door closes tightly and the lock engages correctly. This may involve fine-tuning the position of the door opener relative to the mortise lock's latch.
5. Test the electrical opening function.
6. Test the mechanical release function.

2.3 Dimensions and Mounting

Refer to the diagram below for detailed dimensions to ensure proper fit and installation.

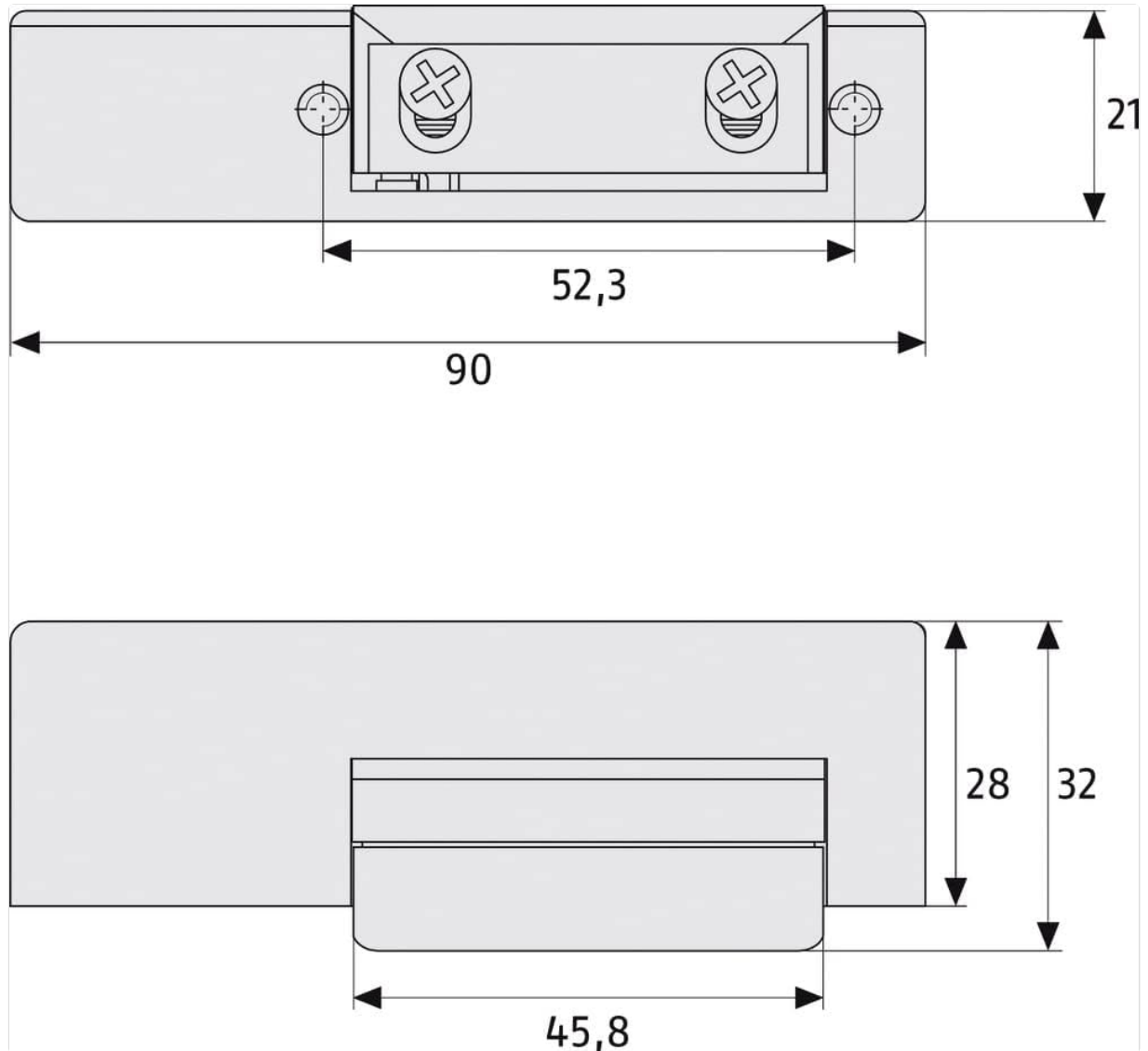
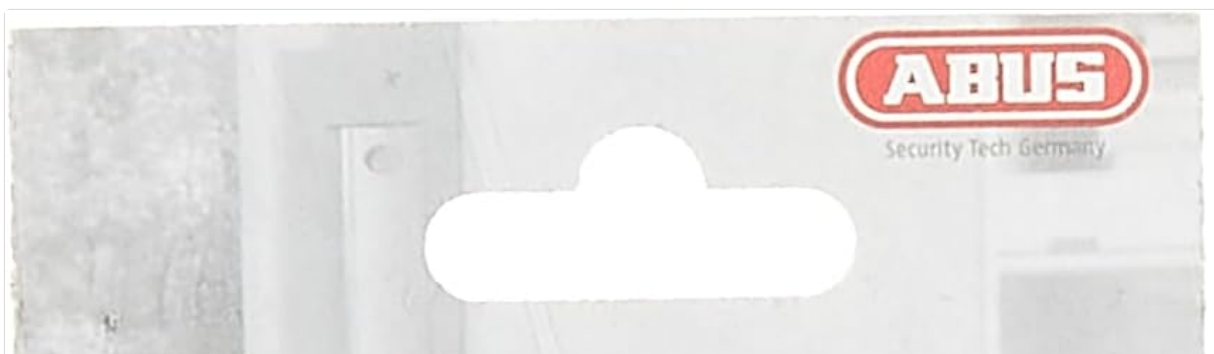


Image Description: A technical drawing illustrating the dimensions of the ABUS ET60 electric door opener in millimeters. The top view shows a length of 90mm and a width of 21mm at the terminal block, with a screw distance of 52.3mm. The side view shows a total height of 32mm, with the main body being 28mm high and the latch mechanism extending 45.8mm.





ET60



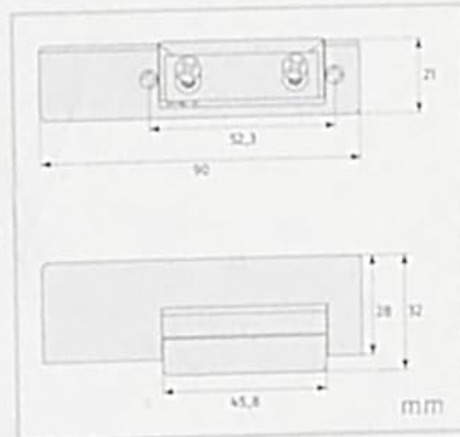
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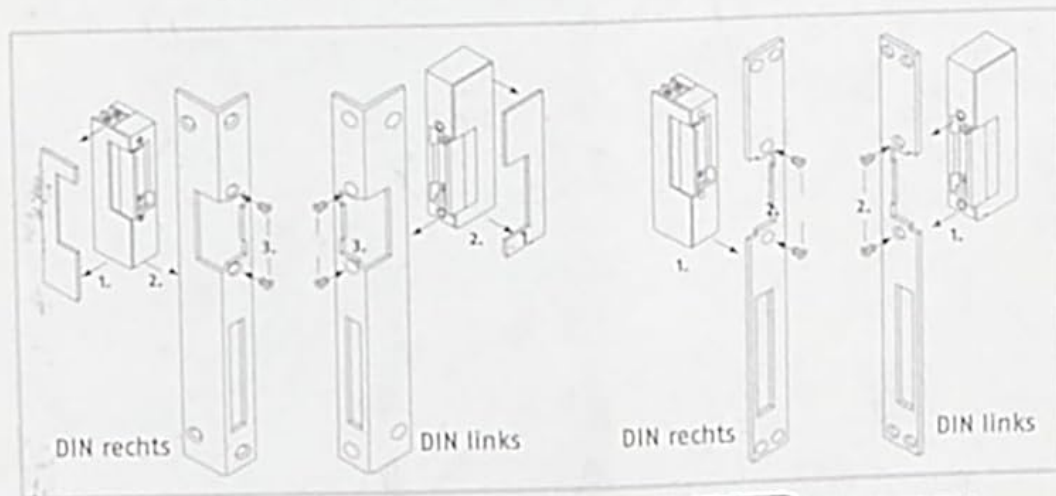
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Image Description: The back of the ABUS ET60 packaging, displaying various installation diagrams for both DIN-right and DIN-left doors. It shows different configurations for mounting the electric strike plate and the corresponding lock components. The image also includes a QR code for additional product information.

For more product information, scan the QR code or visit: qr.abus.com/product/21532



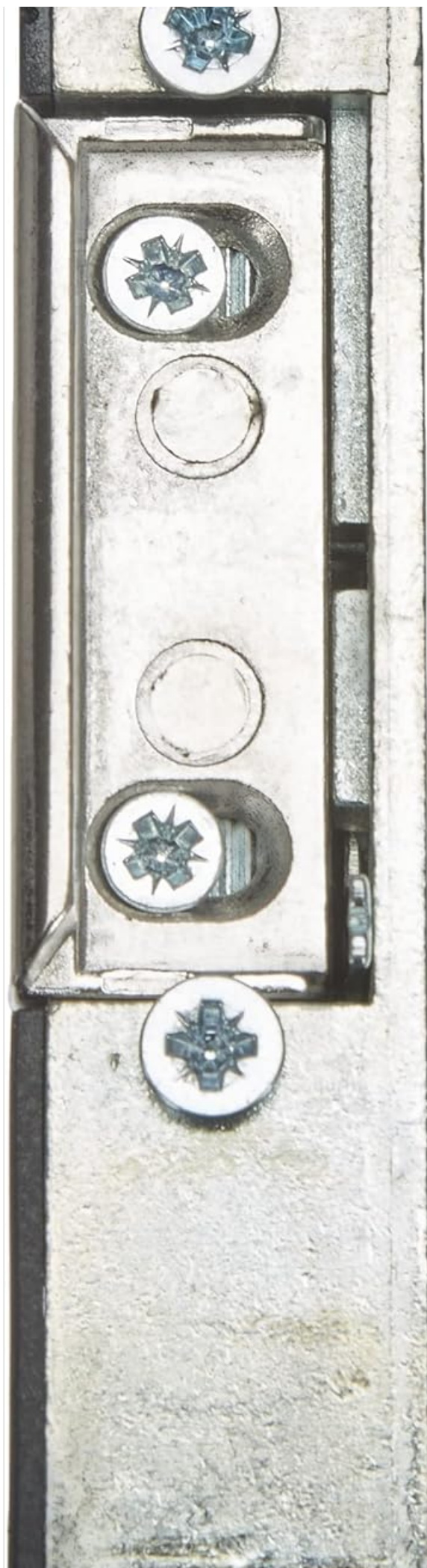




Image Description: A top-down view of the ABUS ET60 electric door opener, clearly showing the mounting screws and the overall profile of the unit. This view is helpful for understanding the physical installation points.

3. Operating Instructions

3.1 Electrical Operation

The ET60 operates by receiving a current pulse. When a connected switch or button is pressed, an electrical current is supplied to the opener, releasing the latch. This allows the door to be opened. A typical buzzing sound indicates that the opener is active and the door can be opened. The door remains unlocked only as long as the button is held down.

3.2 Mechanical Release (Day Release)

For situations requiring the door to remain unlocked for an extended period, the ET60 features a mechanical release lever. By flipping this small lever on the door opener, the latch is permanently disengaged, allowing the door to be opened without an electrical impulse. This function is commonly referred to as 'day release' and is useful in office buildings or other environments where frequent, temporary access is needed.



Image Description: An angled view of the ABUS ET60 electric door opener, highlighting the main body and the movable latch component. This view helps illustrate the mechanism that releases the door when activated.

4. Maintenance

4.1 General Care

The ABUS ET60 is designed for durability and requires minimal maintenance.

- Keep the unit free from excessive dust and debris.
- Periodically check all screws and connections to ensure they are secure.
- Avoid applying lubricants or cleaning agents directly into the electrical components.
- Ensure the mechanical release lever moves freely and is not obstructed.

4.2 Cleaning

Clean the exterior surfaces with a soft, dry cloth. Do not use abrasive cleaners or solvents.

5. Troubleshooting

5.1 Common Issues and Solutions

- **Door does not open electrically:**
 - Check the power supply: Ensure the voltage is within the specified 8-14V AC/DC range.
 - Verify electrical connections: Confirm all wires are securely connected to the terminals.
 - Test the activation button/switch: Ensure it is functioning correctly and sending a current pulse.
- **No buzzing sound when activated:**
 - This indicates a lack of electrical current reaching the unit. Check power supply and wiring as above.
- **Door does not close tightly:**
 - Adjust the latch: Re-align the door opener with the mortise lock's latch as described in the installation section.
- **Mechanical release lever is stiff or not working:**
 - Check for obstructions: Ensure no debris is blocking the lever's movement.
 - Avoid forcing the lever: If it remains stiff, contact support.



Image Description: A close-up view of the electrical terminals and mounting screws on the ABUS ET60 electric door opener. This image is useful for verifying correct wiring connections during installation or troubleshooting.

6. Specifications

6.1 Technical Data

Feature	Detail
Model	ET60
Part Number	491935
Brand	ABUS
Rated Voltage	8-14 Volts (AC/DC)
Current Consumption	0.7 A at 12 V AC
Resistance	12 ohms at 12 V AC
Break-up Resistance	3,500 Newtons (approx. 350 kg)
Compatibility	Universal for DIN-right and DIN-left doors
Special Feature	Mechanical Release Lever (Day Release)
Lock Type	Electronic
Material	Metal
Dimensions (L x W x H)	6.93 x 3.94 x 2.48 inches (approx. 176 x 100 x 63 mm)
Item Weight	0.21 Kilograms (approx. 7.4 ounces)
Finish	Black powder-coated
Included Components	Small lever and mounting material

7. Warranty Information

7.1 Product Warranty

Specific warranty details for the ABUS ET60 electric door opener are typically provided with the product packaging or available on the official ABUS website. Please refer to these sources for the most accurate and up-to-date warranty terms and conditions.

8. Support and Contact

8.1 Manufacturer Support

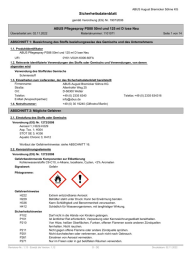
For technical assistance, further product information, or support, please visit the official ABUS website or

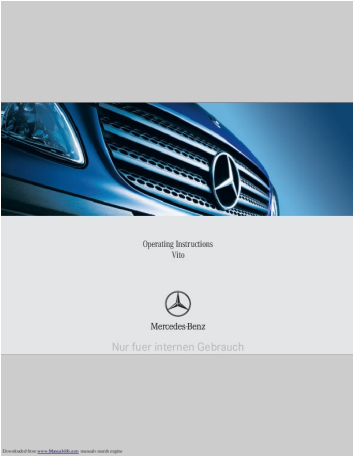
contact their customer service.

ABUS Website: www.abus.com

You can also find additional product details by scanning the QR code on the product packaging or visiting: qr.abus.com/product/21532

Related Documents - ET60

	ABUS 6950AM Bicycle Frame Lock: Installation and User Manual Comprehensive guide for installing and using the ABUS 6950AM bicycle frame lock. Includes safety warnings, mounting instructions for different options, operation details, and warranty information.
	ABUS 770A SmartX Fahrradschloss: Montage- und Bedienungsanleitung Umfassende Anleitung für das ABUS 770A SmartX Fahrradschloss mit Alarmfunktion und SmartX-Technologie. Enthält detaillierte Informationen zur Installation, Bedienung, App-Integration und Sicherheitshinweise.
	ABUS Pflegespray PS88 50ml/125ml: Sicherheitsdatenblatt und Produktinformationen Umfassendes Sicherheitsdatenblatt für ABUS Pflegespray PS88 (50ml und 125ml), das Gefahren, Handhabung, Lagerung und Umweltinformationen detailliert beschreibt.
	ABUS PPIC90000 Series Wi-Fi Battery Cam Instruction Manual Comprehensive instruction manual for the ABUS PPIC90000, PPIC90010, PPIC90200, and PPIC90520 Wi-Fi Battery Cam and Base Station systems, covering installation, setup, operation, and troubleshooting.
	ABUS 10171551 Product Safety and Usage Instructions Essential safety guidelines and usage instructions for the ABUS 10171551 security hardware, covering general precautions, installation, and maintenance.
	ABUS 10170882: Safety Instructions and User Guidance Comprehensive safety instructions and usage guidelines for the ABUS 10170882 product. Learn about safe operation, child safety, and potential hazards like suffocation from packaging.



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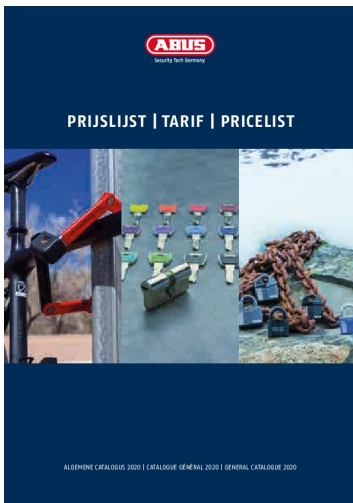
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