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MIWA AUR.CS

MIWA AUR.CS Backset 76mm Electric Lock Case Instruction Manual

Model: AUR.CS

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the MIWA AUR.CS Backset 76mm Electric Lock Case. Please read this manual thoroughly before proceeding with any procedures to ensure safe and correct usage. This product is designed for specific door applications and requires careful handling.

2. PRODUCT OVERVIEW

The MIWA AUR.CS is an electric lock case designed for secure door applications. It features a 76mm backset and is part of the AU series, compatible with AUT, AUR, AUTA, and AURA systems. The lock case includes a function switching type electric mechanism and is identifiable by the AU26 engraving.

Key Features:

- **Product Name:** AUR Lock Case Body
- **Backset:** 76mm
- **Engraving:** 02 MIWA AU26
- **Type:** Function Switching Electric Lock Case



Figure 2.1: Front view of the MIWA AUR.CS electric lock case, showing the internal mechanism, wiring harness, and a separate faceplate. The wiring is color-coded for electrical connections.

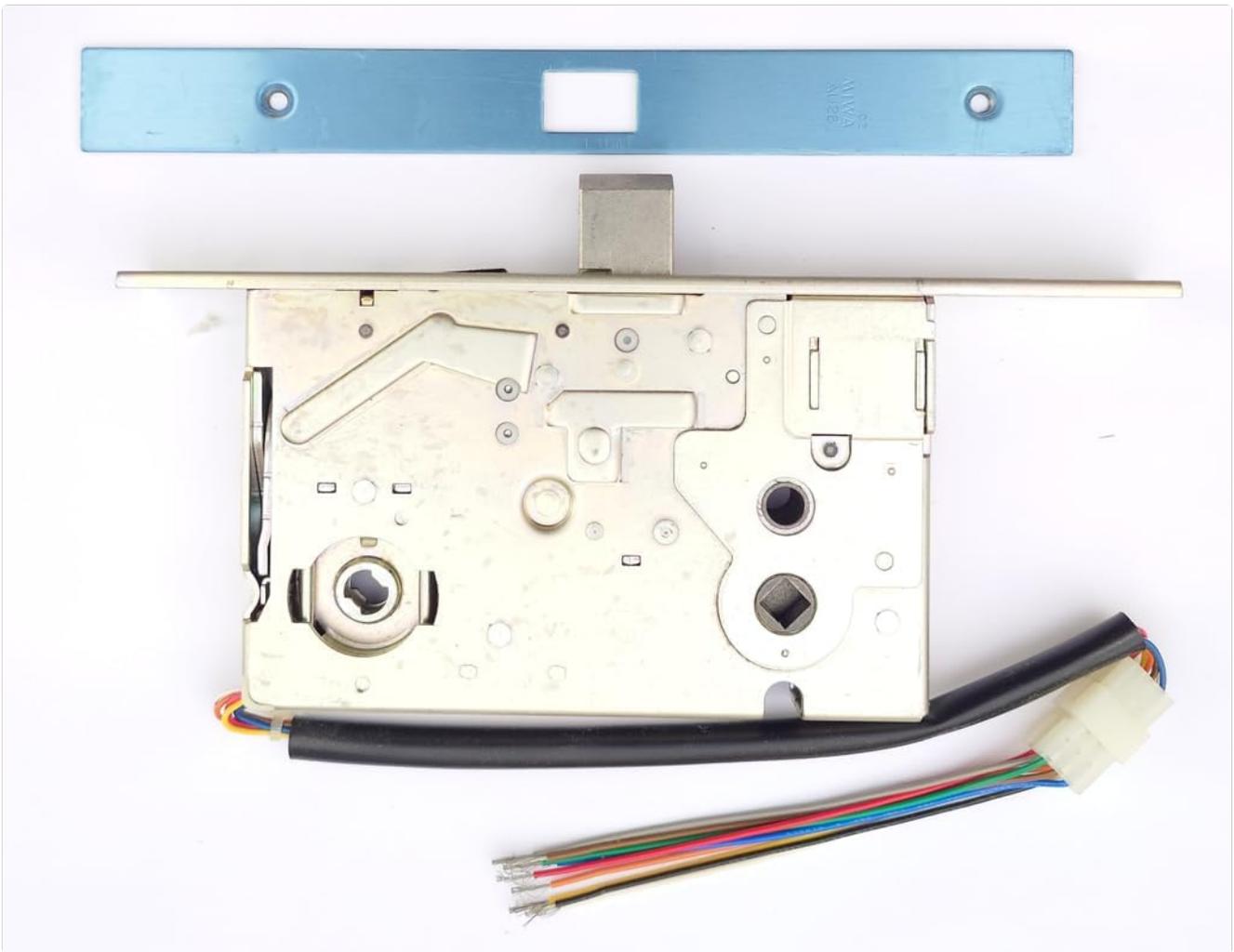


Figure 2.2: Top-down view of the MIWA AUR.CS electric lock case with the faceplate attached. This view highlights the overall assembly and mounting points.



Figure 2.3: Side view of the MIWA AUR.CS electric lock case, illustrating its profile and the position of the latch bolt and deadbolt mechanisms. The model number and other markings are visible on the side.



Figure 2.4: Detailed view of the faceplate, clearly showing the "MIWA AU26" engraving, which identifies the specific model and series of the lock case.

3. SPECIFICATIONS

Specification	Detail
Brand	MIWA
Product Model Number	AUR.CS
Product Dimensions (LxWxH)	24 x 2.5 x 9.5 cm
Color	ST (Silver)
Backset	76mm
Engraving	02 MIWA AU26
Included Components	None (Lock case body only)
Manufacturer	miwa

4. SETUP AND INSTALLATION

Installation of the MIWA AUR.CS electric lock case requires precision and knowledge of door hardware and electrical wiring. It is highly recommended that installation be performed by a qualified professional to ensure proper function, security, and compliance with local building codes.

General Installation Guidelines:

1. **Preparation:** Ensure the door is properly prepared with the correct mortise cutout for the lock case and faceplate. Verify the backset measurement (76mm) matches the door preparation.
2. **Mounting the Lock Case:** Insert the lock case into the mortise cutout in the door edge. Secure it with appropriate screws through the mounting holes on the faceplate.
3. **Wiring:** Connect the electrical wiring harness (as shown in Figure 2.1) to the door's power supply and access control system according to the system's wiring diagram. Pay close attention to polarity and ensure all connections are secure and insulated.
4. **Cylinder and Trim Installation:** Install the appropriate door cylinder, handles, and trim plates as per their respective instructions. Ensure they operate smoothly with the lock case mechanism.
5. **Strike Plate Installation:** Install the strike plate on the door frame, aligning it precisely with the latch bolt and deadbolt of the lock case.
6. **Testing:** After installation, thoroughly test all functions of the lock, including electrical operation, manual key override, and handle operation, before final use.

Refer to the specific wiring diagrams provided with your access control system for detailed electrical connections. Incorrect wiring can damage the lock case or the access control system.

5. OPERATION

The MIWA AUR.CS electric lock case operates in conjunction with an external access control system. Its function switching type allows for various operational modes depending on the system configuration.

Basic Operation:

- **Unlocking Electrically:** When an authorized signal is received from the access control system, the electric mechanism will retract the latch bolt or deadbolt, allowing the door to be opened.
- **Locking Electrically:** Upon door closure or removal of the authorization signal, the lock case will automatically secure the door, extending the latch bolt or deadbolt.
- **Manual Override:** In case of power failure or emergency, the lock can typically be operated manually using a key from the outside or a thumbturn/lever from the inside, depending on the specific trim installed.
- **Function Switching:** The lock case supports different operational modes (e.g., fail-safe, fail-secure) which are configured via the access control system. Consult your system's manual for details on setting these functions.

Always ensure the door closes completely for the lock to engage properly. Do not force the door if the lock mechanism is not fully retracted.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your MIWA AUR.CS electric lock case.

Maintenance Procedures:

- **Cleaning:** Keep the faceplate and surrounding areas clean from dust and debris. Use a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Periodically (e.g., annually) apply a small amount of silicone-based lubricant to the latch bolt and deadbolt mechanisms to ensure smooth operation. Do not over-lubricate. Avoid oil-based lubricants as they can attract dirt.
- **Inspection:** Regularly inspect the lock case, faceplate, and strike plate for any signs of wear, damage, or misalignment. Check that all screws are tight.
- **Wiring Check:** If accessible, periodically check the electrical connections for any signs of corrosion or loose wiring. This should only be done by qualified personnel with power disconnected.

- **Function Test:** Routinely test the lock's electrical and manual functions to confirm proper operation.

If you notice any significant issues or damage, contact a qualified technician for repair or replacement.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with the MIWA AUR.CS electric lock case.

Problem	Possible Cause	Solution
Lock does not engage/disengage electrically.	No power, faulty wiring, access control system issue, damaged solenoid.	Check power supply to the lock. Verify wiring connections. Consult access control system manual. Contact a technician if solenoid is suspected.
Door does not close properly or latch bolt binds.	Misaligned strike plate, door sag, debris in mortise.	Adjust strike plate alignment. Check door hinges. Clean mortise area.
Key/thumbturn operation is stiff.	Lack of lubrication, internal debris, worn cylinder.	Apply silicone lubricant to the mechanism. Clean out any debris. If worn, consider cylinder replacement.
Unusual noises during operation.	Internal wear, loose components, foreign object.	Inspect for loose screws or components. If noise persists, professional inspection is recommended.

For issues not listed here or if solutions do not resolve the problem, contact a qualified locksmith or the product manufacturer for assistance.

8. WARRANTY AND SUPPORT

Warranty information for the MIWA AUR.CS electric lock case is typically provided by the seller or manufacturer at the time of purchase. Please retain your proof of purchase for warranty claims.

For technical support, service, or to inquire about replacement parts, please contact your authorized MIWA dealer or the point of purchase. Provide them with the product model number (AUR.CS) and any relevant details about your issue.