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> Cisa 1A630.00.0 Electric Rim Lock User Manual

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Brand: Cisa | Model: 1A630.00.0

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Cisa 1A630.00.0 Electric Rim Lock. Designed specifically for wooden doors, this innovative locking system features a swivel hook latch and offers robust security with a pull resistance of up to 2000 kg. It incorporates patented systems for enhanced vibration and impact resistance, a steel protective cover, and a variable backset. Understanding the functions described herein will ensure optimal performance and longevity of your lock.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in injury, product damage, or voiding of the warranty.

- **Electrical Safety:** This lock operates on 12V AC (3A). Ensure all electrical connections are made by a qualified electrician and comply with local electrical codes. Disconnect power before performing any installation or maintenance.
- **Mechanical Safety:** Handle all components with care. Keep fingers clear of moving parts during testing and operation.
- **Professional Installation:** Due to the precision required for both electrical and mechanical components, professional installation is highly recommended to ensure correct function and security.
- **Intended Use:** This product is designed for use on wooden doors only. Do not attempt to install it on other door types.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- Cisa 1A630.00.0 Electric Rim Lock Unit
- Striker Plate

- Swing Rod
- Latch Hook
- Mounting Hardware (screws, washers, etc.)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Cisa 1A630.00.0 Electric Rim Lock is a robust and secure locking solution. The main lock unit houses the electrical and mechanical components, including the innovative swivel hook latch. The exterior features a cylinder for key access, while the interior provides a push button and an additional cylinder for manual operation.



Image: Cisa 1A630.00.0 Electric Rim Lock, showing its robust construction and key components.

5. SETUP AND INSTALLATION

The Cisa 1A630.00.0 Electric Rim Lock is designed for installation on wooden doors. Due to the precision required for electrical and mechanical components, professional installation is highly recommended.

Key Installation Steps:

- 1. Door Preparation:** Ensure the door frame and door edge are prepared according to the lock's dimensions. The lock features a variable backset from 50 to 80 mm, allowing for flexible positioning.
- 2. Mounting the Lock Unit:** Securely attach the main lock unit to the door surface. Ensure proper alignment with the door frame.
- 3. Installing the Striker Plate:** Mount the striker plate on the door frame, aligning it precisely with the lock's swivel hook latch. The striker plate dimensions are 31mm (H) x 94mm (W) x 37mm (D).
- 4. Electrical Connection:** Connect the lock to a 12V AC (3A) power supply. Ensure all electrical connections are secure and comply with local electrical codes. Incorrect wiring can damage the unit or pose a safety hazard.
- 5. Cylinder and Button Installation:** Install the exterior cylinder and the interior push button/cylinder as per the door's configuration.
- 6. Testing:** After installation, thoroughly test all lock functions before regular use to ensure smooth and secure operation.

6. OPERATING INSTRUCTIONS

The Cisa 1A630.00.0 Electric Rim Lock offers two primary operating modes for its rotary latch, along with additional features:

- **Automatic Opening:** When activated (e.g., via an intercom or access control system), the latch rotates, and the door automatically opens. This mode is suitable for high-traffic areas or where immediate access is desired.
- **Ready to Open:** In this mode, the latch retracts, but the door remains in a closed position. The door can then be manually pushed open. This provides a moment of control before the door fully opens.
- **Internal Push Button:** The internal push button allows for manual unlocking from the inside. It can also be configured to block the inside cylinders, preventing external key access when desired.
- **Retaining Device:** If selected, a retaining device allows the lock to be held in its open position, useful for extended periods of access.
- **Silent Operation:** The innovative envelope system ensures silent opening and closing, reducing noise disturbance.
- **Gate Rebound Effect:** The design minimizes the gate rebound effect, ensuring smooth door closure.

7. MAINTENANCE

To ensure the longevity and reliable operation of your Cisa 1A630.00.0 Electric Rim Lock, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the exterior surfaces of the lock and striker plate with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Lubrication:** Apply a small amount of graphite-based lubricant to the internal moving parts of the lock and cylinder mechanisms annually. Do not use oil-based lubricants, as they can attract dust and debris.
- **Check Connections:** Regularly inspect electrical connections for any signs of wear or looseness. Ensure all mounting screws are tight.
- **Functionality Test:** Periodically test all operating modes (automatic opening, ready to open, push button) to ensure smooth operation.

8. TROUBLESHOOTING

If you encounter issues with your Cisa 1A630.00.0 Electric Rim Lock, refer to the following troubleshooting steps:

- **Lock Does Not Engage/Disengage:**
 - Check power supply: Ensure the lock is receiving the correct 12V AC (3A) power.
 - Inspect wiring: Verify all electrical connections are secure and undamaged.
 - Check alignment: Ensure the lock unit and striker plate are correctly aligned. Misalignment can prevent proper latch engagement.
 - Obstructions: Clear any debris or obstructions around the latch and striker.
- **Push Button Not Working:**
 - Check for blockage: Ensure the internal mechanism for the push button is not obstructed.
 - Cylinder block: Verify if the cylinder block feature is engaged, which might prevent the button from operating as expected.
- **Excessive Noise During Operation:**
 - Lubrication: Apply lubricant as per maintenance instructions.
 - Mounting: Check if the lock is securely mounted; loose screws can cause rattling.

If issues persist after attempting these steps, contact Cisa customer support or a qualified technician.

9. SPECIFICATIONS

Feature	Specification
Brand	Cisa
Model	1A630.00.0
Lock Type	Electric Rim Lock
Recommended Use	Wooden doors
Lock Unit Dimensions (H x W x D)	110mm x 204mm x 60mm
Striker Plate Dimensions (H x W x D)	31mm x 94mm x 37mm
Item Weight	1.2 Kilograms
Pull Resistance	Up to 2000 kg
Backset	Variable, 50 to 80 mm
Rated Voltage	12V AC (3A)
Control Method	Exterior Cylinder, Interior Push Button and Cylinder
Included Components	Main Lock Unit, Striker Plate, Swing Rod, Latch Hook, Mounting Hardware

10. WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or to purchase replacement parts, please refer to the official Cisa website or contact your authorized Cisa dealer. Keep your purchase receipt as proof of purchase for any warranty claims.