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SCS Sentinel MecaBell 3238 / CFI0005

SCS Sentinel MecaBell 3238 Wired Electromechanical Doorbell

Model: CFI0005 / SEN4137428

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your SCS Sentinel MecaBell 3238 wired electromechanical doorbell. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

WARNING: This device operates on 230V AC mains voltage. Improper installation or handling can result in electric shock, injury, or death. Always follow these safety guidelines:

- Installation must be performed by a qualified electrician or competent person in accordance with local electrical codes and regulations.
- Always disconnect power at the main circuit breaker before performing any installation, wiring, or maintenance.
- This product is designed for **indoor use only**. Do not expose it to moisture, rain, or extreme temperatures.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Ensure correct wiring polarity as specified in the installation section to prevent damage to the unit or electrical hazards.
- Avoid prolonged pressing of the doorbell button, as this can cause the unit to overheat and potentially damage the internal mechanism. The unit is designed with a protection feature that will cause it to vibrate instead of chime if pressed too long.

3. Package Contents

Verify that all items are present in the package:

- SCS Sentinel MecaBell 3238 Doorbell Unit
- Mounting Screws and Wall Plugs (Visserie)
- Instruction Manual (Notice Explicative)




sentinel
MecaBell 3238
Carillon filaire électromécanique
230V
2 fils
1 mélodie
2 notes
Niveau sonore
80 db
Alimentation
230 V
MecaBell 3238 CFI0005
GARANTIE
2 ans

Figure 3.1: Product packaging showing the doorbell unit and included accessories.

4. Product Overview

The SCS Sentinel MecaBell 3238 is a compact, electromechanical wired doorbell designed for reliable operation in residential and commercial indoor environments. It features a robust ABS plastic casing and produces a clear 'DIN DON' chime.

4.1. Components

- **Front Casing:** White ABS plastic cover.
- **Base Plate:** Black plastic base for mounting and housing internal components.
- **Electromechanical Chime Mechanism:** Produces the doorbell sound.
- **Wiring Terminals:** For connecting the 230V AC power supply from the doorbell button.



Figure 4.1: Front view of the SCS Sentinel MecaBell 3238 doorbell, showing its compact white ABS casing.



Figure 4.2: Back view of the doorbell, displaying the product label with model reference CFI0005, 230V power requirements, and CE marking.

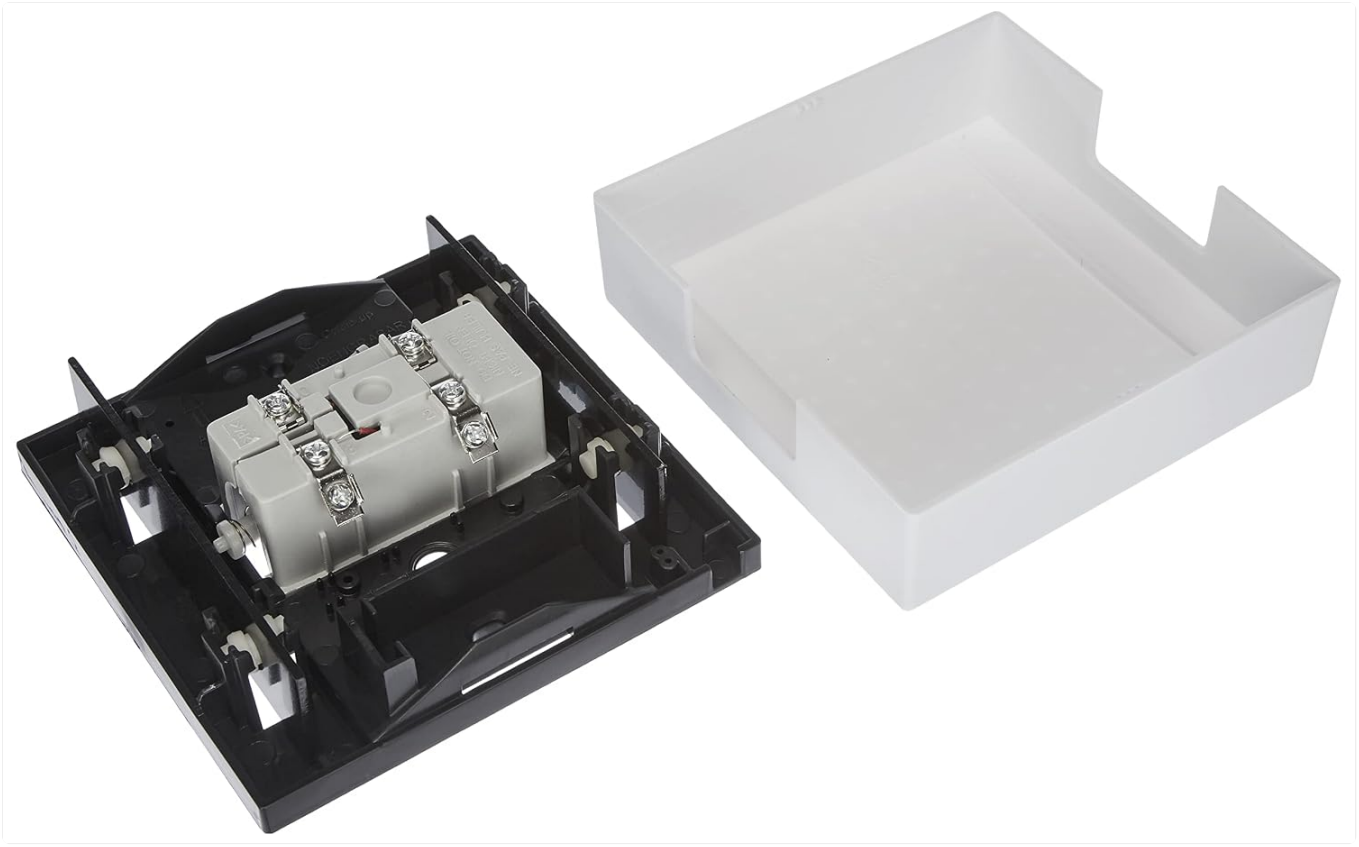


Figure 4.3: Internal view of the doorbell, showing the electromechanical chime mechanism and the two wiring terminals for electrical connection.

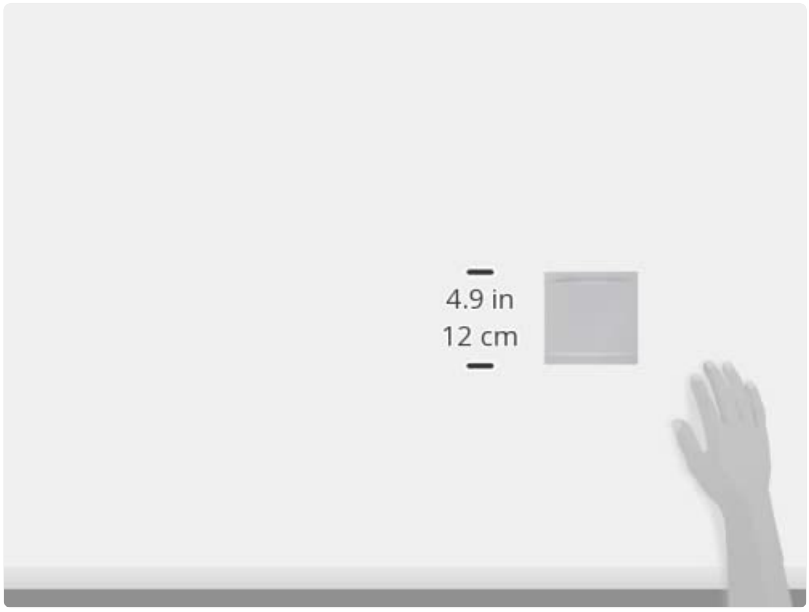


Figure 4.4: Diagram illustrating the compact dimensions of the doorbell unit (approximately 12 cm x 12 cm).

5. Installation

Before beginning installation, ensure you have read and understood the safety information in Section 2. This doorbell requires a 230V AC power supply and a compatible wired doorbell button.

5.1. Mounting the Doorbell Unit

1. Choose a suitable indoor location for the doorbell unit, away from moisture and direct heat sources.
2. Carefully remove the front casing from the base plate.

3. Position the base plate on the wall and mark the drilling points for the mounting screws.
4. Drill holes at the marked points and insert the wall plugs (if necessary).
5. Secure the base plate to the wall using the provided mounting screws.

5.2. Electrical Connection

IMPORTANT: Disconnect power at the main circuit breaker before proceeding with wiring.

1. Identify the two wires coming from your doorbell button and transformer (if applicable). These wires will carry the 230V AC current.
2. Locate the two wiring terminals on the doorbell unit's internal mechanism (refer to Figure 4.3).
3. Connect the **Phase (Live) wire** to the **right terminal**.
4. Connect the **Neutral wire** to the **left terminal**.
5. Ensure all connections are secure and that no bare wires are exposed.
6. Carefully reattach the front casing to the base plate, ensuring it clicks securely into place.
7. Restore power at the main circuit breaker.

6. Operation

Once installed and powered, the SCS Sentinel MecaBell 3238 doorbell is ready for use.

- Press the external doorbell button.
- The doorbell unit will produce a clear 'DIN DON' chime.
- **Note:** If the doorbell button is held down for an extended period, the unit may vibrate instead of chiming continuously. This is a protective feature to prevent overheating and potential damage. Release the button and press again briefly for normal operation.

7. Maintenance

The SCS Sentinel MecaBell 3238 doorbell requires minimal maintenance.

- **Cleaning:** Wipe the exterior of the unit with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture.
- **Internal Components:** There are no user-serviceable parts inside the doorbell unit. Do not attempt to open or lubricate the internal mechanism.
- **Regular Checks:** Periodically check the mounting screws to ensure the unit remains securely fastened to the wall.

8. Troubleshooting

If you experience issues with your doorbell, refer to the following table:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Doorbell does not chime.	No power supply. Loose or incorrect wiring. Faulty doorbell button. Internal mechanism jammed or damaged.	Check if power is restored at the circuit breaker. **(Disconnect power first!)** Verify all wiring connections are secure and correct (Phase to right, Neutral to left). Test the doorbell button for continuity. Replace if faulty. If the mechanism is visibly damaged, the unit may need replacement.
Doorbell vibrates but does not chime.	Doorbell button held down too long. Internal protection activated due to overheating.	Release the doorbell button immediately. Allow the unit to cool down for a few moments before pressing the button briefly again.
Sound is weak or distorted.	Obstruction in the chime mechanism. Unit not securely mounted.	**(Disconnect power first!)** Inspect the internal mechanism for any foreign objects. Ensure the unit is firmly mounted to the wall.

9. Specifications

Model Number	CFI0005 / SEN4137428 (MecaBell 3238)
Power Supply	230V AC, 50Hz, 0.2A
Sound Level	80 dB/A
Melody Type	Electromechanical 'DIN DON'
Material	ABS Plastic
Color	White
Dimensions (L x H x D)	116 x 116 x 48 mm (approx. 4.57 x 4.57 x 1.89 inches)
Weight	1 kg (approx. 2.2 lbs)
Operating Environment	Indoor use only

10. Warranty and Support

SCS Sentinel products are designed for reliability and ease of use. This product comes with a**2-year warranty**.
For technical assistance, installation guidance, or warranty claims, please contact SCS Sentinel customer support. Our technical assistance team, based in France, is available to provide expert and personalized advice.
Please retain your proof of purchase for warranty purposes.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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