

Schellenberg 20018

Schellenberg 20018 Wireless Receiver Module Instruction Manual

Model: 20018

1. INTRODUCTION

The Schellenberg 20018 Wireless Receiver Module provides a convenient solution for upgrading existing mechanical roller shutter, Roman blind, or awning motors to radio control without requiring motor replacement. This module integrates into a flush-mounted box or directly within the roller shutter box, allowing for wireless operation using compatible Schellenberg radio transmitters or timers.



Figure 1: Schellenberg 20018 Wireless Receiver Module. A black rectangular wireless receiver module with 'Schellenberg' branding and electrical terminals visible. A white wire extends from one side.

2. SAFETY INFORMATION

WARNING: Electrical installation should only be performed by a qualified electrician. Disconnect power before installation or maintenance.

- Ensure the main power supply is switched off before commencing any installation or wiring work.
- Verify that the voltage and current ratings of the module are compatible with your motor and electrical system.
- Protect the module from moisture and extreme temperatures. For outdoor use, an IP65-rated junction box is required.
- Do not open or attempt to repair the module. Refer to qualified personnel for service.
- Keep packaging materials away from children.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- 1x Wireless Receiver Module

- 1x Mounting Instructions
- 1x Terminal Block



Figure 2: Product Packaging. The retail packaging for the Schellenberg 20018 Wireless Receiver Module, featuring the product image, 'ROLLOPOWER 20018' text, and 'Smart Home System' branding.

4. SPECIFICATIONS

Feature	Detail
Model Number	20018
Dimensions (L x W x H)	50 x 50 x 28 mm
Weight	116 grams
Color	Black
Components Included	1x Wireless Receiver Module, 1x Mounting Instructions, 1x Terminal Block
Batteries Required	No
Country of Origin	China

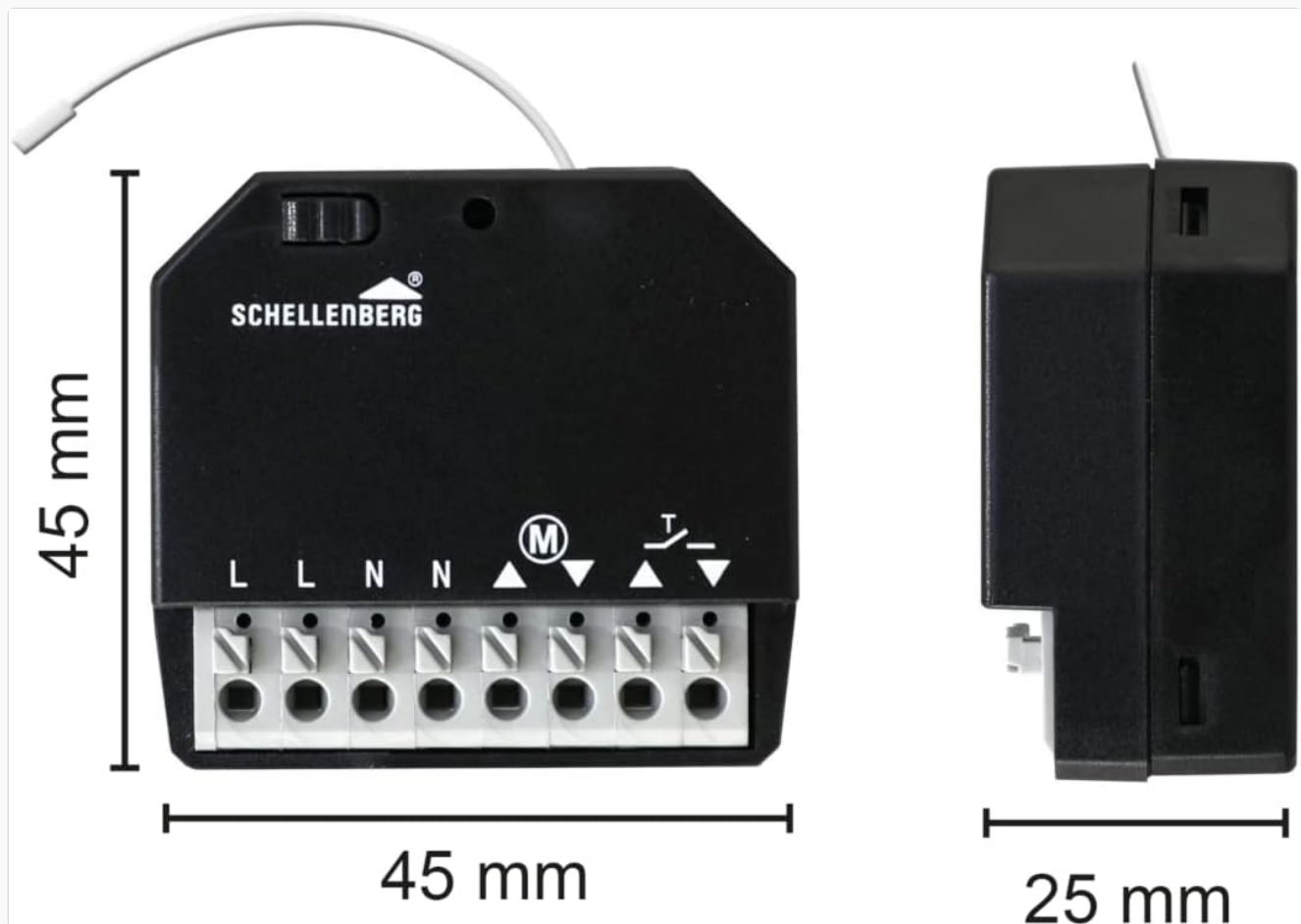


Figure 3: Module Dimensions. An image displaying the physical dimensions of the Schellenberg 20018 module: 45 mm length, 45 mm width, and 25 mm depth.

5. SETUP AND INSTALLATION

The wireless receiver module is designed for installation in a flush-mounted switch box or directly within the roller shutter box. Secure cable clamps are provided for rigid connection lines to simplify installation.

5.1. Installation Location

Choose an appropriate location for the module, such as:

- Inside a standard flush-mounted electrical box.

- Directly within the roller shutter housing, if space permits.
- For outdoor applications, the module must be housed within an IP65-rated junction box to ensure protection against dust and water.



Figure 4: Example Installation. An illustration showing the Schellenberg wireless receiver module installed within the housing of a roller shutter system, with wiring connected to the motor. The module is shown next to a wall-mounted control unit.

5.2. Wiring

Before wiring, ensure the main power supply is disconnected. Connect the module to your motor and power supply according to the wiring diagram provided in the included mounting instructions. The module features clearly labeled terminals for live (L), neutral (N), and motor connections.



Figure 5: Electrical Terminals. A detailed view of the electrical terminals on the Schellenberg 20018 module, labeled 'L', 'L', 'N', 'N', and motor control symbols, indicating connection points for power and motor wires.

5.3. Pairing with a Wireless Control Element

After the module is physically installed and wired, it must be paired with a separate Schellenberg wireless control element (e.g., a wireless transmitter or timer). Follow the specific pairing instructions provided with your Schellenberg wireless control device to establish communication with the receiver module. This process typically involves a sequence of button presses on both the module and the control device.

6. OPERATING INSTRUCTIONS

Once successfully paired, your roller shutters, Roman blinds, or awnings can be controlled wirelessly using the paired Schellenberg radio transmitter or timer.

- **Open/Close:** Use the designated buttons on your wireless control element to fully open or close the connected motor.

- **Stop:** Press the stop button to halt the motor at any desired position.
- **Direction Change:** For certain applications, the direction of motor rotation can be changed via the wireless control. Refer to your control device's manual for specific instructions.
- **Slat Adjustment (Roman Blinds):** Precision adjustment of Roman blind slats may be possible depending on your wireless control element.

Consult the instruction manual of your specific Schellenberg wireless transmitter or timer for detailed operating procedures and advanced functions.

7. MAINTENANCE

The Schellenberg 20018 Wireless Receiver Module requires minimal maintenance.

- **Cleaning:** If necessary, gently wipe the exterior of the module with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check for any visible damage to the module or its wiring. If damage is observed, disconnect power and consult a qualified technician.
- Ensure the module remains protected from moisture and dust, especially if installed in an outdoor environment without an appropriate IP-rated enclosure.

8. TROUBLESHOOTING

If you encounter issues with your Schellenberg 20018 Wireless Receiver Module, consider the following:

- **Module Not Responding:**
 - Check if the module is receiving power.
 - Verify that the wireless control element (transmitter/timer) has functional batteries and is within range.
 - Attempt to re-pair the module with the wireless control element.
- **Motor Not Operating:**
 - Ensure all wiring connections to the motor and power supply are secure and correct.
 - Check the motor itself for any issues (refer to the motor's instruction manual).
- **Intermittent Operation:**
 - Check for potential sources of radio interference near the module or control element.
 - Ensure the module is not obstructed by metal objects that could block the radio signal.

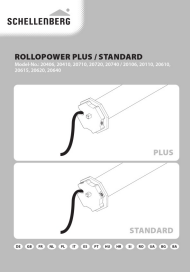


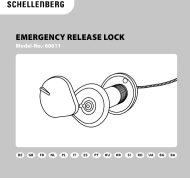


If problems persist after attempting these steps, please contact Schellenberg customer support.

9. WARRANTY AND SUPPORT

Schellenberg products are designed for quality and durability. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Schellenberg website.

Should you have any questions regarding your Schellenberg products, including selection, installation, or replacement, our customer support team is available to assist you. Please visit the Schellenberg brand store or contact us through the provided channels for assistance.

Related Documents - 20018

	<p>Schellenberg ROLLOPOWER PLUS / STANDARD Roller Shutter Motor Installation Manual</p> <p>Comprehensive installation and user manual for the Schellenberg ROLLOPOWER PLUS and STANDARD roller shutter motors, including model numbers, safety instructions, assembly steps, wiring diagrams, and end-position adjustment procedures.</p>
	<p>Schellenberg Gurtführung Standard Mini: ⚠ Safety Instructions</p> <p>Essential safety instructions and warnings for the Schellenberg Gurtführung mit Doppelleiterrolle Standard Mini (14mm belt width). Covers safe operation, child safety, and packaging hazards for roller shutter systems.</p>
	<p>Schellenberg Rollladen-Gurtwickler Maxi Safety Instructions and Warnings</p> <p>Read important safety precautions and warnings for the Schellenberg Rollladen-Gurtwickler Maxi (model 10425049) from Alfred Schellenberg GmbH. Ensure safe usage and handling.</p>
	<p>SCHELLENBERG Notentriegelungsschloss Modell 60611 Montageanleitung</p> <p>Montageanleitung für das SCHELLENBERG Notentriegelungsschloss, Modell 60611. Bietet detaillierte Anweisungen für die sichere und korrekte Installation dieses Sicherheitsgeräts.</p>
	<p>Schellenberg Funk-Codierschloss 60872: Montage- und Bedienungsanleitung</p> <p>Detaillierte Anleitung für das Schellenberg Funk-Codierschloss Modell 60872. Erfahren Sie, wie Sie das Gerät installieren, PIN-Codes ändern und mit Garagentorantrieben koppeln. Mehrsprachig verfügbar.</p>
	<p>Schellenberg Garagentorantrieb 600P, 700P, 850P Bedienungsanleitung</p> <p>Umfassende Anleitung für den Schellenberg Garagentorantrieb Modelle 600P, 700P und 850P. Enthält Informationen zu Montage, Bedienung, Sicherheitshinweisen und Fehlerbehebung.</p>