

somfy 1001814

Somfy LT50 506S2 Sonesse 6Nm 32rpm 120V Motor Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Somfy LT50 506S2 Sonesse 6Nm 32rpm 120V motor. Please read these instructions carefully before proceeding with any installation or operation. Retain this manual for future reference.

2. SAFETY INFORMATION

- Ensure all electrical connections are performed by a qualified electrician and comply with local electrical codes.
- Disconnect power before performing any maintenance or installation procedures.
- Do not allow children to operate the motor or controls.
- Keep hands and loose clothing clear of moving parts during operation.
- This motor is designed for specific applications. Do not use it for purposes other than those specified by Somfy.

3. PRODUCT OVERVIEW

The Somfy LT50 506S2 Sonesse motor is a tubular motor designed for various applications requiring precise and quiet operation, such as motorized blinds, shades, or projection screens. It operates at 120V and provides 6Nm of torque at 32 RPM.



Figure 3.1: General view of the Somfy LT50 506S2 Sonesse Motor.



Figure 3.2: Detail of the motor's end cap, showing the output shaft connection point.



Figure 3.3: The motor shown with typical drive and mounting components (accessories not included).

4. SETUP AND INSTALLATION

Installation of the Somfy LT50 506S2 Sonesse motor requires careful attention to detail and adherence to electrical safety standards. It is recommended that installation be performed by a professional installer.

4.1 Components Required (Not Included)

Please note that essential accessories such as the crown, drive, and mounting plate are not included with the motor and must be acquired separately to complete the installation.

4.2 Electrical Connection

The motor includes a power cord for connection to a 120V power supply. Ensure the power supply is disconnected before making any connections. Follow the wiring diagram provided with your specific application or consult a qualified electrician.

4.3 Mounting

Mount the motor securely within its intended housing or bracket. Ensure the motor is level and properly aligned with the driven component (e.g., shade tube). Refer to the specific mounting instructions for your application.

4.4 Limit Setting

After physical installation and electrical connection, the motor's upper and lower travel limits must be set. Consult the specific instructions for your control system (e.g., remote control, wall switch) to program these limits accurately.

5. OPERATING INSTRUCTIONS

Once installed and limits are set, the motor can be operated using a compatible Somfy control device (e.g., remote, wall switch, smart home system). Refer to your control device's manual for specific operating procedures.

- **Up/Open:** Press the 'Up' or 'Open' button to raise the blind/shade or open the screen.
- **Down/Close:** Press the 'Down' or 'Close' button to lower the blind/shade or close the screen.

- **Stop/My:** Press the 'Stop' or 'My' button to halt the motor at any desired position. The 'My' button can also be programmed for a favorite intermediate position.

6. MAINTENANCE

The Somfy LT50 506S2 Sonesse motor is designed for long-term, maintenance-free operation. However, periodic checks can help ensure optimal performance.

- **Cleaning:** Keep the motor area clean and free from dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the power cord for any signs of damage. Ensure all mounting hardware remains secure.
- **Lubrication:** The motor is factory-lubricated and does not require additional lubrication.

7. TROUBLESHOOTING

If you encounter issues with your motor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Motor does not respond	No power supply Faulty control device Motor overload protection activated	Check power connection and circuit breaker Test with another control device if available Allow motor to cool down (if it has been running continuously)
Motor runs but blind/shade does not move	Drive or crown not properly engaged Obstruction	Verify proper installation of drive and crown Check for any physical obstructions
Motor stops prematurely or limits are incorrect	Limits incorrectly set	Refer to your control device manual to reset the motor limits

If the problem persists after attempting these solutions, please contact Somfy customer support or a qualified technician.

8. SPECIFICATIONS

Specification	Value
Brand	somfy
Model Number	1001814
Speed	32 RPM
Voltage	120 Volts
Manufacturer	SOMFY
UPC	685248788080
ASIN	B01N7NITLC

Specification	Value
GTIN	685248788080

9. WARRANTY INFORMATION

The Somfy LT50 506S2 Sonesse motor comes with a **5-year warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official Somfy website or contact customer support.

10. SUPPORT

For further assistance, technical support, or to inquire about accessories, please visit the official Somfy website or contact their customer service department. You can find contact information on the [Somfy Store on Amazon](#) or directly on the manufacturer's website.