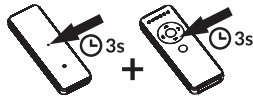


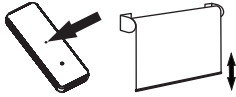
Close limit

1. Hold the **SET + CLOSE** buttons at the same time for 3 seconds. The motor will move to indicate the process has started.



2. Use **OPEN** and **CLOSE** buttons to go to the desired closed position.

3. Press **SET** button on the back of the remote control. The motor will move to indicate that the close limit has been saved.



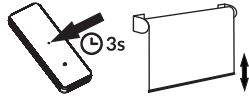
Delete limits

1. Hold the **SET + STOP** buttons at the same for 3 seconds. The motor will move to indicate the limits have been deleted.



Reverse direction

1. Hold the **SET** button on the back of the remote control for 3 seconds. The motor will move up and down to indicate the process has started.



2. Press the **CHANNEL + STOP** buttons at the same time, the motor will move up and down to confirm the operation.



RC215, RC230: Press the **PREVIOUS CHANNEL + STOP** buttons at the same time.

Setting favorite positions

Setting favorite position 1

1. Use **OPEN, STOP** and **CLOSE** buttons to go to the desired favorite position 1.

2. Press the **SET + FAVORITE 1** buttons at the same time. The motor will move to confirm that the favorite position 1 was saved.



Setting favorite position 2

1. Use **OPEN, STOP** and **CLOSE** buttons to go to the desired favorite position 2.

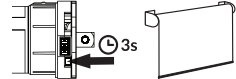
2. Press the **SET + FAVORITE 2** buttons at the same time. The motor will move to confirm that the favorite position 2 was saved.



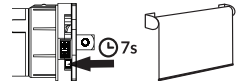
Delete all remote controls

Note: this procedure does not delete open and close limits or the favorite positions 1 and 2.

1. Hold the **HEAD** button for 3 seconds, until the motor moves, then release it.



2. Hold the **HEAD** button for 7 seconds, until the motor moves.



Troubleshooting

Motor is not responding

Wrong wiring connections - Make sure you have connected the wires as specified on the section **Power Connection**.

Cannot pair with remote control

Not holding the HEAD button long enough - To enter pairing mode, you need to press the button, and keep it pressed, for 3 seconds, until the motor moves.

The motor pairing mode lasts 30 seconds. Pressing the set button on the back of the remote control should be done within this period.

Make sure you are using the right remote control and that it has a working battery. If the environment has too many 433MHz RF devices (RF noise), it may interfere with the pairing process.

Motor only moves inch by inch in one or both directions

This behavior means that the open and/or close limits have not been set. Please refer to the setting limits section of this document. For other remote control models, please consult our website (neosmartblinds.com/motors-accessories/).

Motor moves in the opposite direction

Simply follow the instruction in the topic **Reverse direction**.

Warranty

The Neo AC Tubular Motor (TM-RA35-3/26, TM-RA45-12/26) carries an one year warranty counting from the invoice date. Normal wear and tear are excluded from the warranty.

Disposal

Please recycle batteries and damaged electronic products according to local regulations.

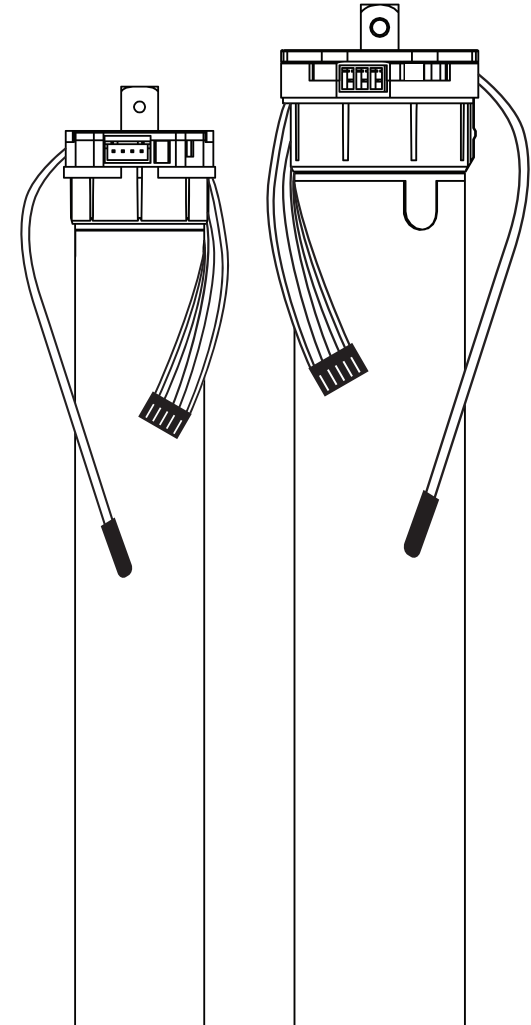
Instructions for other products

To download instructions for other Neo Smart Blinds products, please visit neosmartblinds.com/motors-accessories/

NEO AC TUBULAR MOTOR

Works with all Neo Remote Controls
RC and WS series

Version 2.0



ENGLISH

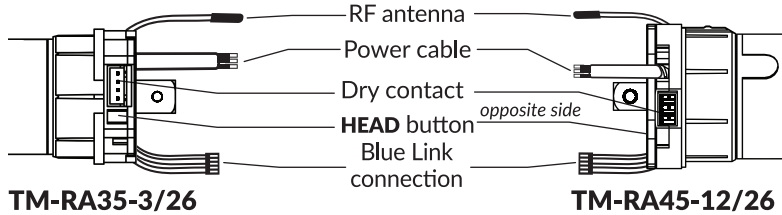
Models

TM-RA35-3/26

TM-RA45-12/26

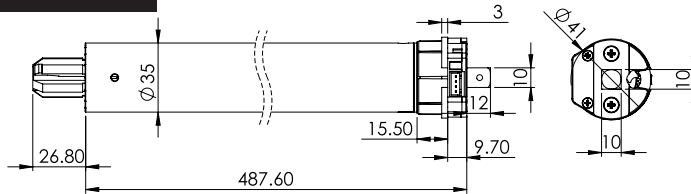
powered by Neo Smart Blinds

Getting to know your Neo AC Tubular Motor



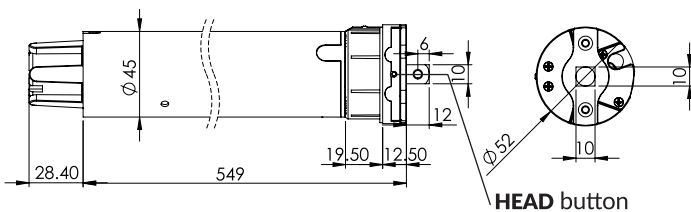
TM-RA35-3/26

All dimensions are in millimeters (mm).



TM-RA45-12/26

All dimensions are in millimeters (mm).

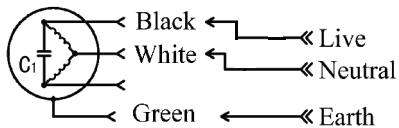


Motor specification

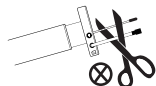
Model	Voltage	Power	Torque Speed	Overheat protection
TM-RA35-3/26	110V AC 60Hz	110W	3Nm 26 rpm	6 min
TM-RA45-12/26	110V AC 60Hz	145W	12Nm 26 rpm	5 min

Power connection

UL Standard (AC 100-120V)



Caution



DO NOT CUT ANY CABLES OR THE ANTENNA



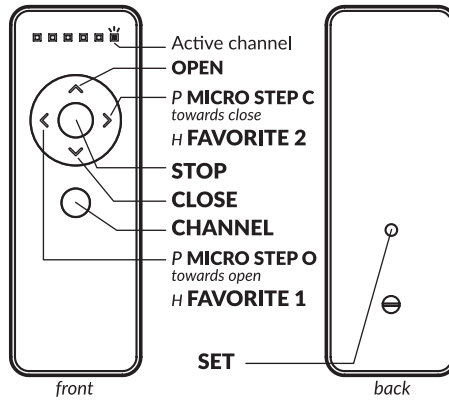
DO NOT DRILL OR CUT ANY PART OF THE MOTOR

- Motor must be installed in a horizontal position and used with correct crown and drive adapters for tubular blinds.
- Keep remote controls, Smart Controller device, Blue Link device and apps away from children.
- Ensure all cables and connected devices are protected and clear from moving parts.
- An environment with multiple 433MHz devices may interfere with the normal usage of the motor.
- Misuse or any design modification will void warranty.

Neo Remote Control

Models RC201, RC202 and RC206

For other remote control models, please refer to the instructions inside the box of the remote control.



P - Press the button
H - Hold the button for 2 seconds

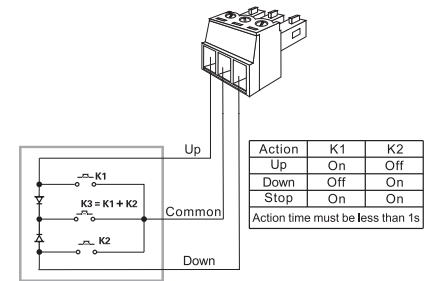
In order for a remote control to execute commands on a motor, its active channel must be paired with that motor. See topic "Pairing Process" for instructions.

Basic operation

Key	Description
Press OPEN	The motor moves all the way to the open limit.
Press CLOSE	The motor moves all the way to the close limit.
Press STOP	The motor stops any ongoing motion.
Press MICRO STEP O	The motor moves a small amount towards the open limit.
Press MICRO STEP C	The motor moves a small amount towards the close limit.
Hold FAVORITE 1 for 2 seconds	The motor moves to the favorite position 1.
Hold FAVORITE 2 for 2 seconds	The motor moves to the favorite position 2.
Press CHANNEL	The remote control cycles to the next channel (or group of channels), making it active ¹ .

1 - This command is not sent to the motor, and affects only the remote control on which it is executed.

Dry contact



Pairing process

Up to 16 channels can be stored on the motor.

Using a Neo Remote Control

1. Using the remote control, press the **CHANNEL** button as many times needed to select the desired channel to pair the motor.

RC215, RC230: Press the PREVIOUS CHANNEL or the NEXT CHANNEL buttons.

2. Hold the **HEAD** button for 3 seconds, until the motor moves.

3. Press the **SET** button on the back of the remote control, the motor will move to confirm the operation.

Using the mobile apps



Neo Smart Blinds: Download the app to your mobile device by searching **Neo Smart Blinds** on Google Play or App Store. You will need to create an account and add a Smart Controller before pairing blinds to the app.



Neo Smart Blinds Blue: Download the app to your mobile device by searching **Neo Smart Blinds Blue** on Google Play or App Store. You will need to connect a Blue Link to the motor before pairing it to the app.

Setting limits

The motor may come with no limits set from the factory. In this case, open and close commands will be the same as micro step o and micro step c.

Open limit

1. Hold the **SET + OPEN** buttons at the same time for 3 seconds. The motor will move to indicate the process has started.

2. Use **OPEN** and **CLOSE** buttons to go to the desired opened position.

3. Press **SET** button on the back of the remote control. The motor will move to confirm that the open limit has been saved.