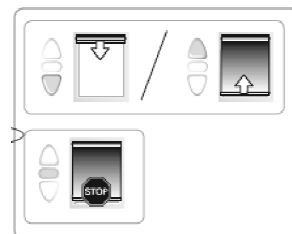


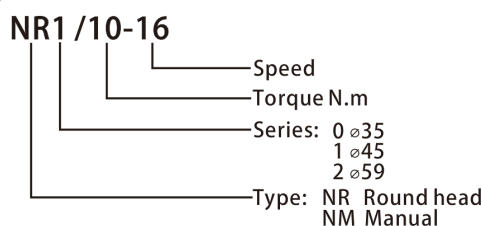
Warning: Read these safety instructions before installation. If these instructions are not followed, the manufacturer's liability and warranty are void. The manufacturer is not liable for any change of regulations and standards introduced after the publication of this document.

1. General:

1. Motors must be installed and programmed (if necessary) by qualified installers.
2. Do not use the appliance if damaged.
3. Do not allow children to play with any of the controls or the end product.
4. Before installing the motor, remove any redundant cords and parts not needed for powered operation.
5. Cables must be installed inside unless they are protected by conduit or trunking which is sun resistant.
6. Install motor in a dry and ventilated environment.
7. Products are only to be installed in approved applications (horizontal use only).
8. Motors with in-line connectors are suitable for enclosed applications only.
9. When the motor is in operation, press the "stop" button before reversing directions.
10. Before carrying out any form of maintenance, disconnect from power supply.
11. The manufacturer, hereby, declares that this equipment is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.
12. For questions regarding installation and operation of the product, please contact the manufacturer.
13. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
14. Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary;
15. **WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
16. Use only accessories (Curtain track, brackets, etc.) listed by Somfy to fit to a unit. Part numbers for accessories are available from your Somfy contact.
17. The instruction concerning persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge is not applicable.
18. Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
19. Information if the drive is intended to be installed at a height of at least 2,5 m above floor level or other access level.
20. The motor can be installed outdoor using.
21. To control the motorised product, please refer to the technical instructions of the dedicated controller.
The images of the control point are not contractually binding.
Customer can buy the control from the manufacturer.



2. Product description (Example):



NR1/10-16

Rated Voltage: AC 230V

Frequency: 50Hz

Rated Power: 101W(10/16),221W(30/16) Rated Torque: 10Nm or 30Nm

Rated Speed: 16rpm Rated Current: 0.48A(10/16) ,0.96A(30/16)

Rated operate time: 4min Moisture protection: IP44



: RCM certification



: Not disposable as general waste.

Operating temperature range: -10 to +40 DegC

3. Assembly and mounting scheme:

1. Ensure the supplied power is in accordance with the specification.
2. Check the dimensions and the shapes of the limit adaptor and the drive adaptor if they are both in accordance with the roller, before the installation, be sure that all the accessories are fixed and will not cause any mechanical obstruction to the motor.
3. While defining the position of installation, the customer can choose to install the motor on the right or the left of the shutter according to the real condition.
4. If it is a round roller, make a slot at the end of the roller to allow the Limit switch unit work properly; if it is the other shape, then inset the motor directly into the roller.
5. After inserting the motor into the roller, use the screw to fix the limit adaptor to the roller to ensure the normal functioning of the motor.
6. During the installation, keep the motor and the roller horizontal, and the roller should be vertical to each side of the door or window.

7. Fix the mounting brackets on each side to the wall firmly with the screws.
8. Fix the mounting bracket above the window or the door.
9. Mounting scheme, Fig.3

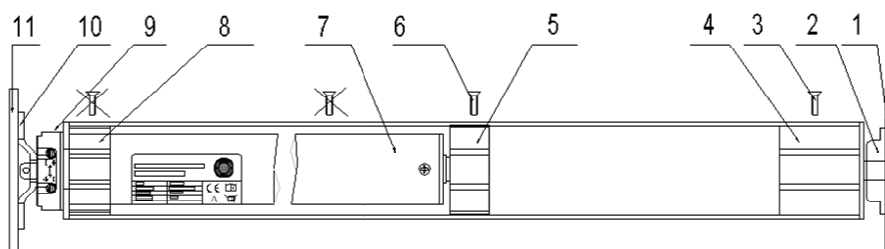
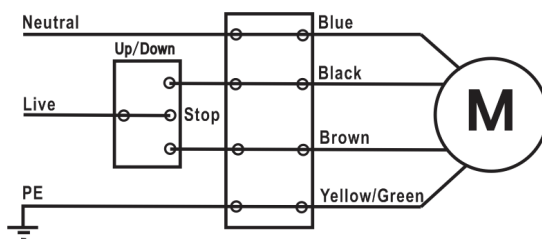


Fig.3

- 1.Wallboard 2. Underprop board 3. Bolt 4. Driven Shaft Bushing 5. Drive Adaptor 6. Bolt
 7. Tubular Motor 8. Limited Adaptor 9. Install Base 10. Star-shape Board 11. Wallboard
10. After the installation, power on the motor, push the button rapidly to check if the up and down movements are good.
 11. If the direction of the movement is not in accordance with the signs on the button box, switch the Connection of the brown and black wire.

4. Wiring



5. Limit Setting

If the direction of movement is not in accordance with the switch. Swap the black and brown wire positions.

