

# SCREEN BLINDS WITH THE LITE SYSTEM



## 1. USE

The roller blinds were designed for indoor as well as for outdoor fittings. The motor is protected against humidity, category IP44 covering. The roller blinds are not intended for use in areas of dangerous explosions. The service switch should be placed inside. There is the possibility to place it outside, however, only with the corresponding protection preventing water to leak through and protecting all electrical parts.

### Power Supply

- Alternating 230 V electrical network
- 50-60Hz network frequency
- Power supply fluctuating tolerance of +/- 10%
- Surface of interference under 70dB

### Operational Conditions

- Temperature of the surrounding area of -5 to +5°C
- Relative humidity up to 5g/m<sup>3</sup> and 75% (class I2)
- Atmospheric conditions E11, E12, E14, E15 according to EN 13561 norms
- Wind resistance\*
- Motorized version – Class 3 Beaufort Scale 6 (up to 49km/h)
- Handle version – Class 0 – 2 (according to the model)

\* IN THE EVENT OF UNDESIRABLE CLIMATE CONDITIONS, WE EMPHASIZE THE RECOMMENDATION OF WINDING UP THE ROLLER BLINDS INTO THE BOX IN OUTDOOR INSTALLATION. WE RECOMMEND THE USE OF A WIND SENSOR FOR AUTOMATIC WINDING UP OF THE ROLLER BLINDS INTO THE BOX FOR MOTORIZED ROLLER BLINDS.

#### **OPERATION DESCRIPTION WITH THE AID OF AN ELECTRICAL MOTOR:**

It is possible to pull down and wind up the screen blinds with the aid of an electrical motor drive by remote control or by a switch. It is possible to use a remote control, as is the windy or sunny sensor, for an electrical motor depending on the weather. In this event, a motor with remote control is necessary. Electrical installation, assembly and maintenance can only be done by qualified individuals, who are authorized and capable to perform the given task.

## **2. MAINTENANCE**

The product neither requires any special maintenance nor lubrication of the control mechanisms. For common cleaning use a soft brush regularly, hand vacuum cleaners set on a lower setting, a damp, soft fabric cloth / sponge or rinse the surface with clean water. Only use a soap solution with no chemical agents up to 30°C (light dirt: soap solution 5%, temperature of the water up to 20°C; mild to very dirty: soap solution 10%, temperature of the water up to 30°C). Do not use any aggressive cleaning products such as organic thinners, cleaning sand, cleaning paste, steam cleaners or strong alkaline cleaning agents.

We recommend you regularly check and maintain the roller blinds. Before and after the season (spring, fall), we recommend the following:

- Check that the roller blinds properly pull down and wind up
- Check the proper functioning of the end switches
- Check the condition of the covering – fabric, if necessary clean the fabric

#### **WARNING:**

Make sure to clean carefully so as to avoid damage to the construction and to the fabric. When cleaning windows, set the product in such a position to prevent damage yet not prevent you from cleaning. Protect the product from becoming dirty during construction work and painting.

## **3. SAFETY INSTRUCTIONS**

- Do not block the roller blinds when in motion. Prior to operating the roller blinds, place hands away from the box area.
- Do not allow children to play with the remote control. Keep any remote controls out of the reach of children.

- Regularly check the roller blinds to see that deformation, excessive wear and tear or other damage did not occur.
- Do not operate roller blinds during any maintenance activities (for example, cleaning windows).
- When using remote control systems, (for example, sunny / windy sensor), unplug the power supply before doing any activities or maintenance.
- Forced running of the roller blinds can damage it.
- Regularly check the proper functioning of the roller blinds.
- Do not use the roller blinds if maintenance is required.
- Do not manipulate the product forcefully if an obstacle is in the way of its running.
- Do not hang any items on the product or on the control mechanisms.
- Prevent mechanical strain and damage to the product.
- No sharp or protruding objects, which can be caught in the fiber and damage it are to be near it.
- For products operated by cords, keep cords away from the reach of children, to avoid tangling and strangling.
- Be careful when operating the product, especially during cleaning.
- Do not wind up wet fabric.
- In the event of a weather change (a storm warning, strong wind), immediately wind up the roller blinds.

**FOR PRODUCTS WITH A MOTOR DRIVE::**

- For setting electrical control of the product, follow the manual for this device.
- Do not allow children to play with this control device. Keep remote controls out of the reach of children.
- Check the installation for determining wear and tear or input damage.
- For the checking or maintenance of the electrical parts, the product must be unplugged from the power supply in a reliable way.
- An individual, who follows the instructions for the operations of the motor can set the end switches.
- The individual, who sets the end switches, must be authorized to conduct electrical assembly work, must be knowledgeable and have experience.
- The operational time of the electrical motor is strictly limited and cannot be longer than 4 minutes (=20% of the cycle). The remaining 80% of the cycle (approx. 16 minutes), is the time necessary for cooling the motor. Exceeding these conditions can lead to permanent damage of the electrical motor.

**WARNING:**

Electrical installation, assembly and maintenance can only be done by qualified individuals, who are authorized and capable to perform the given task.

If there is a malfunction or mechanical damage to the product, do not use it any further.

With the aim of ensuring the proper functioning of the roller blinds, any construction changes to the system is prohibited.

**NOTES:**

If the product does not function, contact your sales representative or if necessary the assembly company, which assembled the product. The picture of the product does not have to correspond in all detail with the actual product. The manufacturer is reserving the right to change it. Once the product reaches the end of its life cycle, do not throw it into

communal waste. It is possible to separate the product's used material and dispose of this material in accordance with valid regulations about waste and about the protection of the environment. You can obtain information regarding waste collection at your local administration office.