BREL HOME

INSTALLATION MANUAL

Luna motors

This manual is suitable for the following engine type:

- MGS-45

Please read the manual before starting installation. Failure to follow the instructions may lead to defects which cannot be claimed under warranty.

Visit our website www.brel-home.com for more information

Scan the QR code to view the manual and instructional videos

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Warning

Conformity Statement

This product complies with the essential requirements of the following European directives:

Radio Equipment Directive (RED) 2014/53/EU: Meets radio communication requirements such as safety, health, and efficient use of the radio spectrum.

Electromagnetic Compatibility Directive (EMC) 2014/30/EU: Meets standards for electromagnetic emissions and immunity to prevent interference.

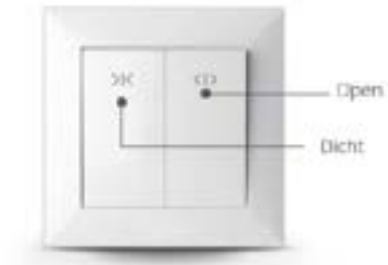
Restriction of Hazardous Substances Directive (RoHS) 2011/65/EU: The product complies with the directives on the use of hazardous substances.

Machinery Directive (MD) 2006/42/EC: Meets the safety requirements for the design and manufacture of machinery, including mechanical and electrical safety.

Note: This document is a summary. Please refer to the full declaration of conformity for detailed information.



Wall switch functions

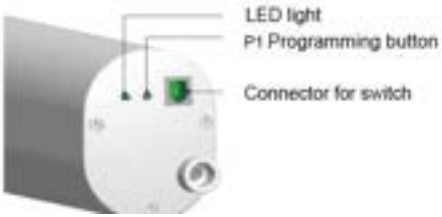


DC-865



DC-22

Functions





Wiring



Blue = neutral
Black = open
Brown = closed
Yellow/green = Earth

Technical data of the motor

	MGS-45
Voltage	230 V
Power	45 Watt
Speed	20 cm/sec
Max curtain weight	50 kg
Amperage	0.23 A
Max running time	4 min.
Moisture and dust resistance	IP 40
Temperature range of motor:	
• Normal use:	-10°C to +40°C
• Heavy use:	-20° C to +70°C

The following specifications apply to all Luna engines:

Frequency	433 MHz
Range	25m indoor to 100m outdoor
Capacity	10 channels or transmitters
IP value	IP40
Operating temperature	10°C to +55°C

Installation of motor and rail

Fix the rail to the wall/ceiling.



Do not mount the rail vertically!



If the motor does not click in easily, turn the gear wheel slightly and try again.

Setting the end positions

Operate the motor for the first time and it will automatically find the end positions.



Press the open button. **Do NOT press STOP!**

The curtain goes all the way open and stops hard at the end.

Press the button closed.

The curtain goes all the way closed and stops hard in the middle.

If the end positions are set with a hard stop, in future the curtain will stop 1 cm before the end.

Deleting the end positions

Go to previous operation to automatically reset the end positions.



Press and hold P1.

LED will light up for a long time.

Release when LED flashes and goes out.