

BREL motors is part of:



Manual Brel special roller shutter motor

Type MRE45

Read the manual before you begin the installation. If these instructions are not followed, this may lead to defects and injury in which warranty can't be claimed.

warning:

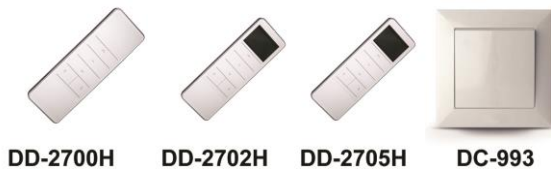
Children cannot recognize the dangers of electrical equipment and may therefore not work with it.

It is important to follow this instruction for your own safety.

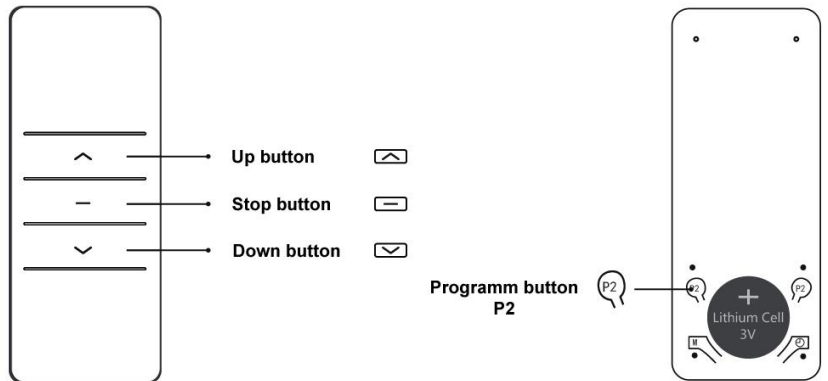
1. Do not operate the motor in humid surroundings.
2. The motor must be installed correctly.
3. Keep the antenna in a good condition and do not shorten. The antenna should not come into contact with other metal parts otherwise it will reduce the effect.
4. The motor must be protected from direct moisture influences.



Works with these Brel remotes and switch



Functions remote control



Technical data of the motor

MRE45-20

MRE45-40

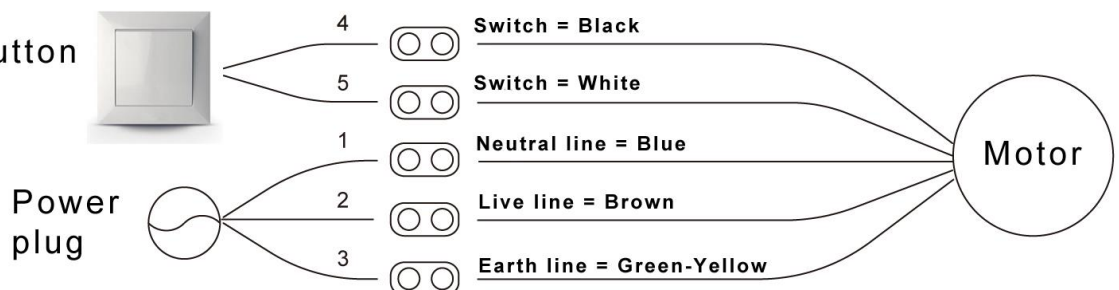
• Torque:	20 Nm	40 Nm
• Speed:	15 RPM	15 RPM
• Amperage:	0,69 A	0,86 A
• Voltage motor:	230 V	230 V
• Power:	161 W	188 W

Wiring

5 wires: 220V/60Hz; 230V/50Hz

Don't connect 230V!

Pushbutton switch

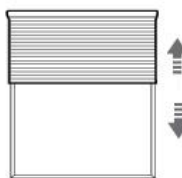
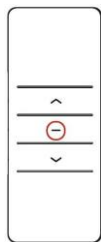
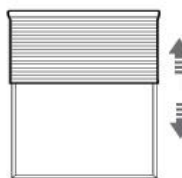


Step 1 Setting up the first channel

If no end positions are set, the motor will only move in the pulse modes.

Voltage motor 1x ↑↓

Hold STOP until 2x ↑↓



OK

Put voltage on the motor
The motor moves up and down.

Hold down stop until the motor
moves up and down 2x
and beeps 3x.

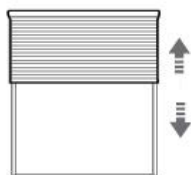
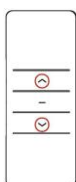
The first transmitter is in the memory.

After the motor has power, press stop within 10 seconds.

Step 2 Change direction

Only possible if no end position has been set.

▲ ▼ simultaneously until 1x ↑↓



OK

Press up and down at the same time until the product moves up and down.

The direction of rotation has changed.

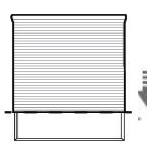
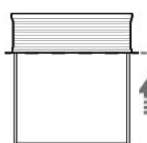
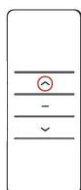
Step 3A Automatically setting the end position

If no end positions are set, the motor will only move in the pulse modes.

1x ▲

1x ↑

1x ▼



OK

Press the
button up.

The product goes up.
It stops at resistance.

The product automatically goes
down and stops at resistance.

The bottom position is set.

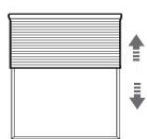
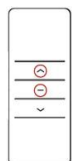
When the roller shutter has been up and down 50 times, the motor checks the end positions and will adjust if necessary.

Step 3B Manual setting of the end position

If no end positions are set, the motor will only move in the pulse modes.

↑

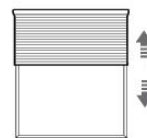
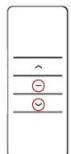
▲ + Hold down STOP until 2x ↑↓



Set the product to the desired top position. Press up button and stop button simultaneously, until the motor moves up and down 2x and beeps 3x.

↓

▼ + Hold down STOP until 2x ↑↓




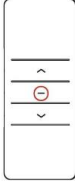
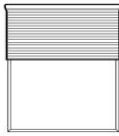
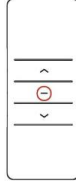



OK

Set the product to the desired lower position. Press down button and stop button simultaneously, until the motor moves up and down 2x and beeps 3x.

Step 4 Setting third limit position



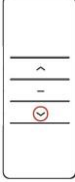



If you press the stop button for more than 3 seconds, the motor will move from any position to the third limit position.

	1x P2	1x ↑↓	1x STOP	1x ↑↓	1x STOP	2x ↑↓
						
Go to the desired third limit position.	Press 1x on the P2 button.	The product moves up and down and beeps 1x.	Press 1x on the stop button.	The product moves up and down and beeps 1x.	Press 1x on the stop button.	The product moves 2x up and down and beeps 3x.

If you want to delete the third limit position, repeat the above.

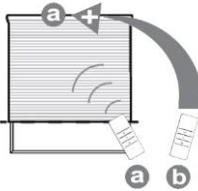






Additional settings

Option A Delete limit position

1x P2	1x ↑↓	1x ▼	1x ↑↓	1x P2	1x ↑↓	OK
						OK
Press P2 button 1x. The product moves up and down and beeps 1x.		Press 1x down button. The product moves up and down and beeps 1x.		Press P2 button 1x. The product moves up and down and beeps 1x.		The end positions have now been removed from the memory.

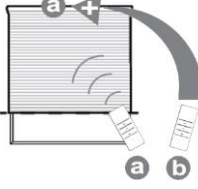


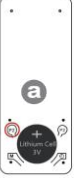

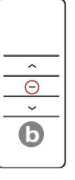

Option B Teaching multiple transmitters (Maximum of 20 transmitters per receiver)

METHOD 1

	1x P2a	1x ↑↓	1x P2a	1x ↑↓	1x P2b	2x ↑↓
						
Go to existing channel/transmitter a.	Press the P2 button of the existing channel or transmitter a. The product moves up and down and beeps 1x.		Press the P2 button of the existing channel or transmitter a. The product moves up and down and beeps 1x.		Go to the new channel or transmitter b. Press the P2 button of the additional channel or transmitter b. The product moves up and down 2x and beeps 3x for confirmation.	

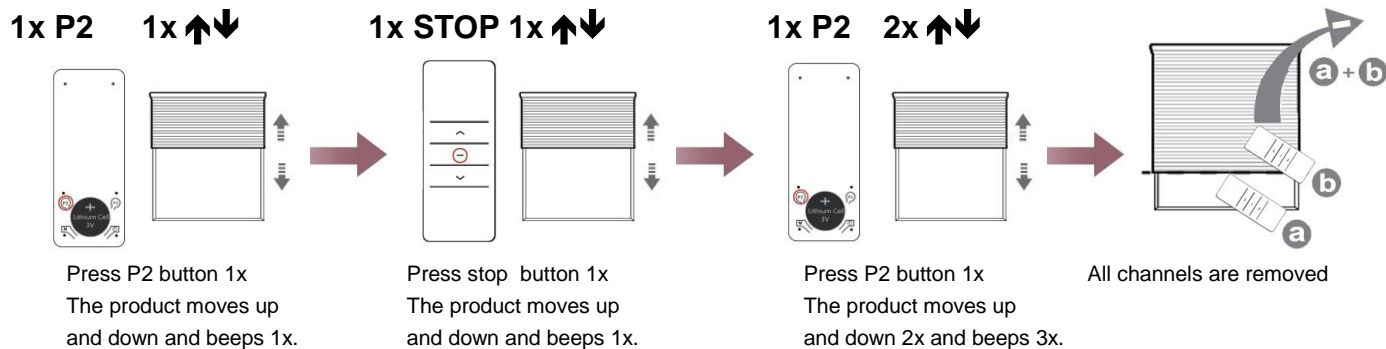
If you want to delete a channel, you must repeat the above.

METHOD 2

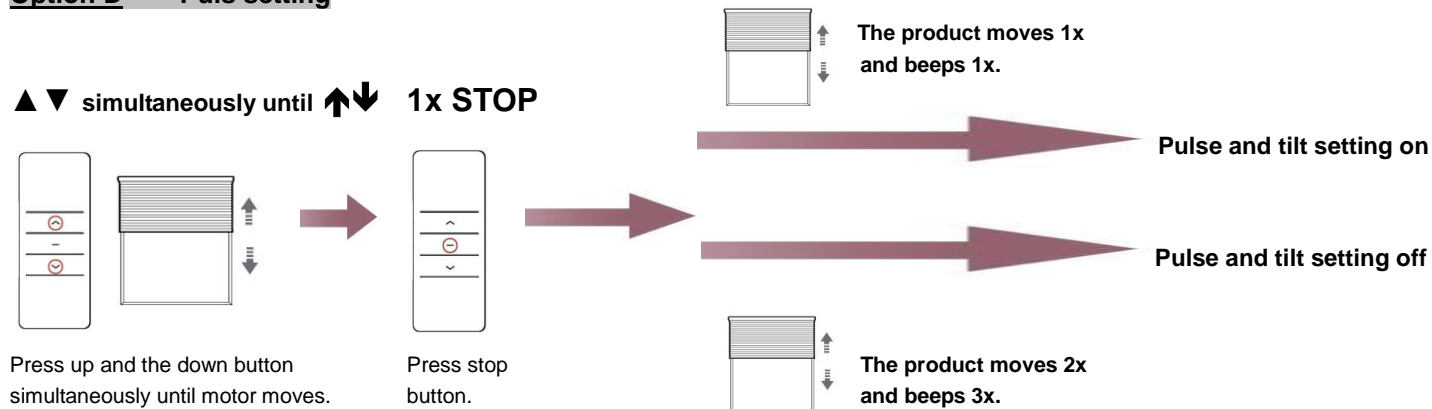
	1x P2a	1x ↑↓	1x P2a	1x ↑↓	1x STOPb	2x ↑↓
						
Go to existing channel/transmitter a.	Press the P2 button of the existing channel or transmitter a. The product moves up and down and beeps 1x.		Press the P2 button of the existing channel or transmitter a. The product moves up and down and beeps 1x.		Go to the new channel or transmitter b. Press the stop button of the additional channel or transmitter b. The product moves up and down 2x and beeps 3x for confirmation.	

If you want to delete a channel, you must repeat the above.

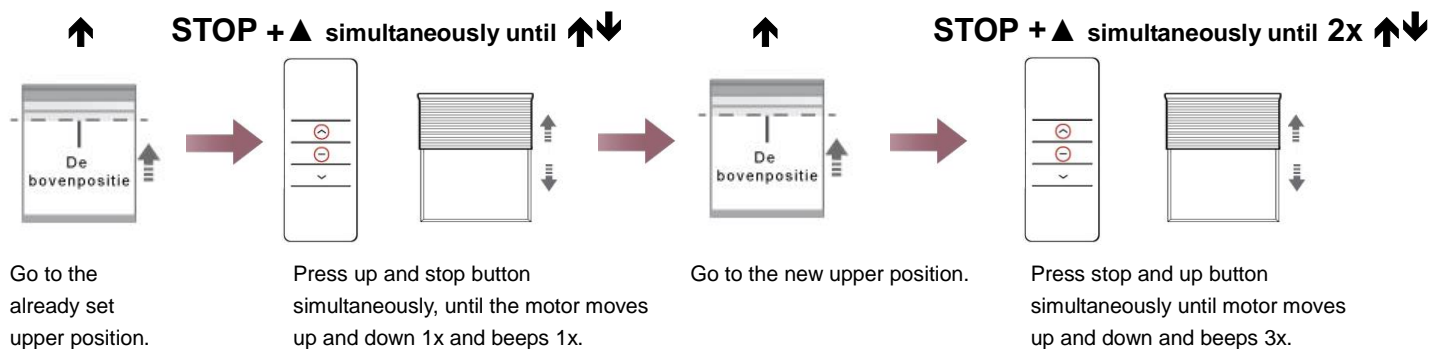
Option C Delete all channels



Option D Puls setting

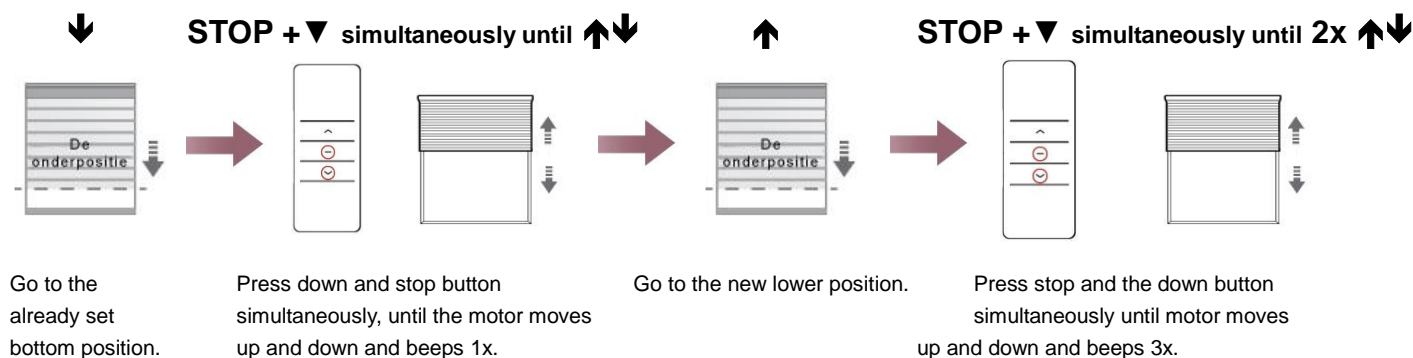


Option H Adjusting the top position



If adjustment is not possible, go back to step 3A or step 3B.

Adjusting the bottom position



If adjustment is not possible, go back to step 3A or step 3B.