

## Rolling shutter and blind control

### Safety guidelines

#### **WARNING**

Risk of injury due to electrical current! Injury or death possible non-observance of safety guidelines.

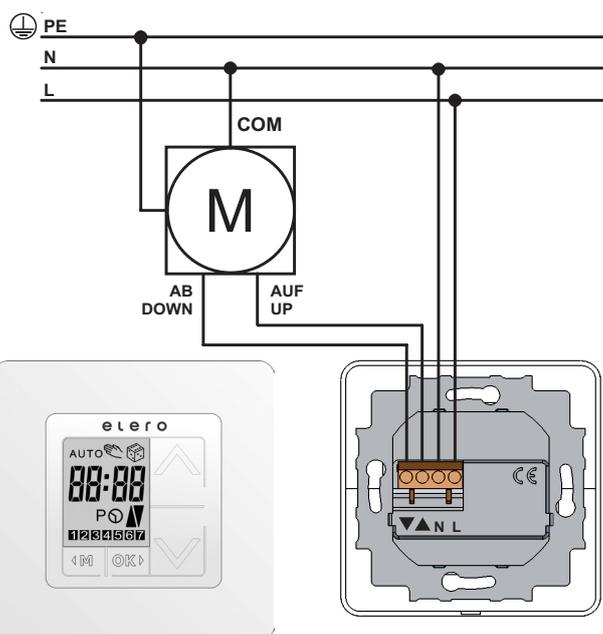
- Perform connection, installation, mounting only by qualified electrician in accordance with DIN VDE 0100.
- Observe all regulations (DIN EN 60335-2-97, household appliances and roller shutters), technical data as well as applicable rules of conduct.

### General

- Please keep this manual.
- Please also refer to the manual of the motor attached to this controller. Double check and, if required, correct the end limits.
- Please take care of environmentally compatible disposal.

#### Technical data, button-function

Power supply [V]	230 V (± 10%)
Frequency [Hz]	50
Outputs	2 NO relays (NOT potential-free)
Switching capacity [A]	5 (by cos φ = 1)
Ambient temperature [°C]	-5 to 45
Running time	2 min 30 s
Switching delay	at least 0,5 s
Housing	flush-mounted
Program	Week clock
Accuracy	+/- 1,5 s/day (at 20 °C)
Operating modes	Automatic, Manually, Random
Power reserve	approx. 24 h (at 20 °C)
Memory places	7 x UP / 7 x DOWN
Factory defaults	
Switching program UP/DOWN Time	07:00 / 21:00 12:00
<b>Pressing button UP</b>	UP-command 2.5 min or STOP by moving motor
<b>Pressing the MENU Button</b>	Setting mode will be activated respectively left and a moving motor will be stopped immediately
<b>Pressing the OK Button during Operating mode</b>	Changing operating mode or STOP by moving motor
<b>Pressing the OK Button during Setting mode</b>	To confirm the selection or the entered data
<b>Pressing button DOWN</b>	DOWN-command 2.5 min or STOP by moving motor
resp. <b>Pressing button UP respectively button DOWN during operating mode</b>	Adjustment of time, timer clock for up and down and selection of a day of the week (individual, block, complete week).



### Operating modes and symbols

By pressing the Button OK▶ the mode-functions will be switched over to the next operating mode.

Operating modes	
	Automatic mode (programmed shifting times are activated)
	Manual mode (manual operating)
	Random mode (programmed shifting time shifts casually from 1 to 31 minutes backward)
Display in operating mode	
	Time display
	Display of the current day
Display in automatic mode	
	Time setting
	Switching time setting
	Drive direction of the switching time settings
	Selection and setting days (blocks)

### Programming / Settings

#### Time and day:

- Adjust and select with the buttons ▲ und ▼ the day of the week .
- Confirm the setting with the button **OK▶**.
- Adjust and select with the buttons ▲ und ▼ the day time.
- Confirm the setting with the button **OK▶**.

#### Timer setting:

- Select with the ▲ und ▼ buttons the way you want to set the program: a) Each day singularly, b) block wise (Mo bis Fr und Sa bis Su, c) complete week .
- Confirm your selection with the button **OK▶**.
- Adjust with the ▲ und ▼ buttons the opening time(s) P ▲ and closing time(s) P ▼.
- Confirm each setting with the button **OK▶**.
- To deactivate a time command for **UP** or **DOWN**, the display needs to show --:-- in the time setting menu.