
Blind insert comfort

Order no.: 8522 11 0x

Operating instructions

1. Safety instructions

Electrical equipment may only be installed and assembled by a qualified electrician in accordance with the relevant installation standards, guidelines, regulations, directives, safety and accident prevention regulations of the country.

Failure to comply with these instructions may result in damage to the device, fire or other hazards.

Hazard due to electric shock. Disconnect before working on the device. Take into account all circuit breakers that supply dangerous voltages to the device.

Hazard due to electric shock. The device is not suited for safe disconnection of the mains supply.

Hazard due to electric shock. Do not operate device without application module.

If several drives should be connected in parallel to one output, it is mandatory to observe the manufacturer's data; use a cut-off relay where required. Motors could be destroyed.

Use blind drives with mechanical or electrical final position switches only. Check final position switches for correct adjustment. Observe motor manufacturer's data. The device can be damaged.

Use blind push-buttons only for extension unit operation. The use of blind push-buttons can cause malfunctions.

Risk of injury. Use the device to control blind and shutter drives or awnings only. Do not switch any other loads.

Observe the motor manufacturer's data regarding change-over time and max. switch-on time (ED).

Do not lay control lines in parallel to the motor lines (danger of coupling).

These instructions are an integral component of the product and must be retained by the end user.

2. Design and layout of the device

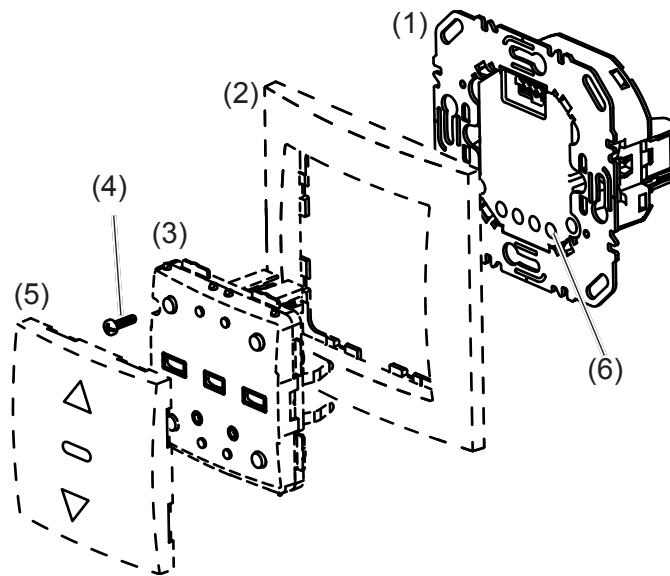


Figure 1: Shutter insert

- (1) Shutter insert
- (2) Frames
- (3) Application module bottom part e.g. from a push-button for blinds
- (4) Screw for dismantling protection (not R.1/R.3)
- (5) Blind button design cover
- (6) Connecting terminals

3. Function

Correct use

- Switching electrically operated blinds, shutters, awnings and similar hangings.
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- Only suitable for use in indoor areas with no drip and no spray water.
- Installation into wall box according to DIN 49073.
- Operate with suitable application module (see Chapter 6.2, "Accessories")

Product characteristics

- 2 mechanically and electrically mutually locked relay contacts.

4. Operation

These instructions describe the installation of the shutter insert. The operation and function of the application modules are described in the instructions of the respective application module.

- ⓘ The operation of extension units is only possible if a cover is attached to the main unit.

5. Information for electricians

5.1 Installation and electrical connection



DANGER!

Touching live parts can result in an electric shock.

An electric shock can be lethal.

Disconnect the connecting cables before working on the device and cover all live parts in the area!

Circuiting and mounting of shutter insert

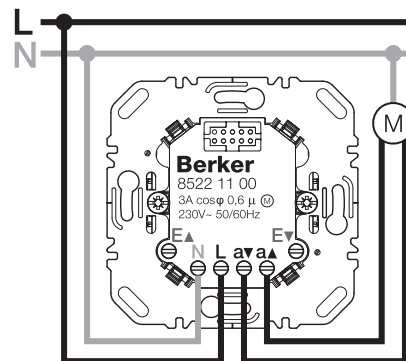


Figure 2: Shutter insert circuiting diagram

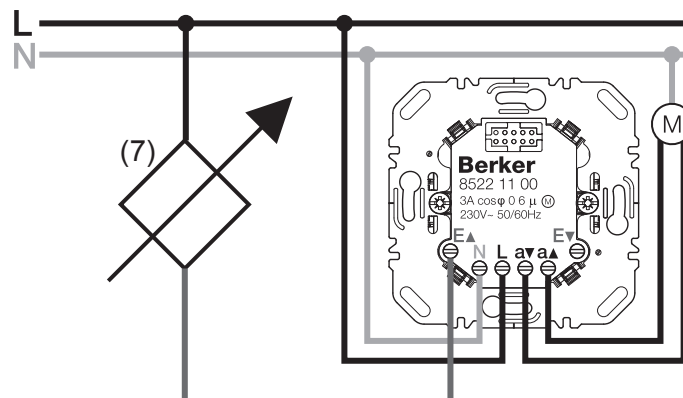
A MCB max. 10 A has been installed as device protection.

- Circuit shutter insert according to circuiting diagram (Figure 2)
- Mount shutter insert in wall box (recommended: deep box). The connecting terminals must be at the bottom.
- Attach frame and application module (see instructions for application module).

Control by sensors

Sensors such as wind/precipitation sensors are used e.g. to protect awnings from damage. If a threshold is exceeded on the sensors, blinds/awnings etc are retracted.

- When using sensors, the operating mode might have to be changed to protection mode (see Cover instructions).

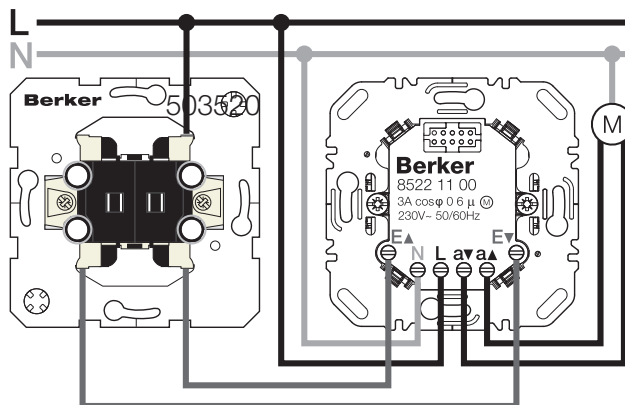


(7) Sensor (e.g. wind/precipitation)

- Connect sensor according to connection diagram (Figure X).

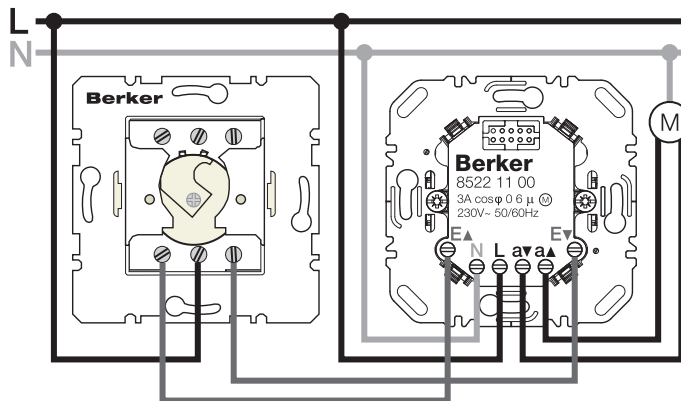
Individual control with push-button for shutter extension unit

- Individual control with push-button for blind extension unit according to circuiting diagram



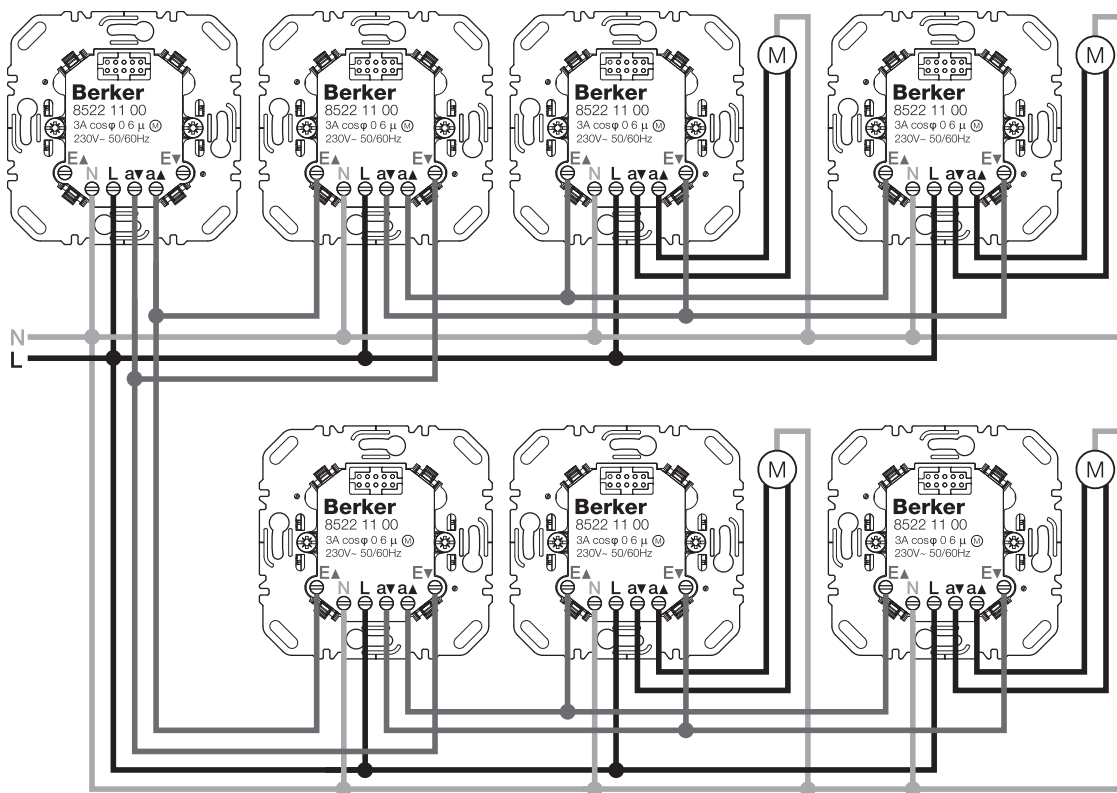
Individual control with key push-button for shutter extension unit

- Circuit individual control with key push-button for shutter extension unit according to circuiting diagram



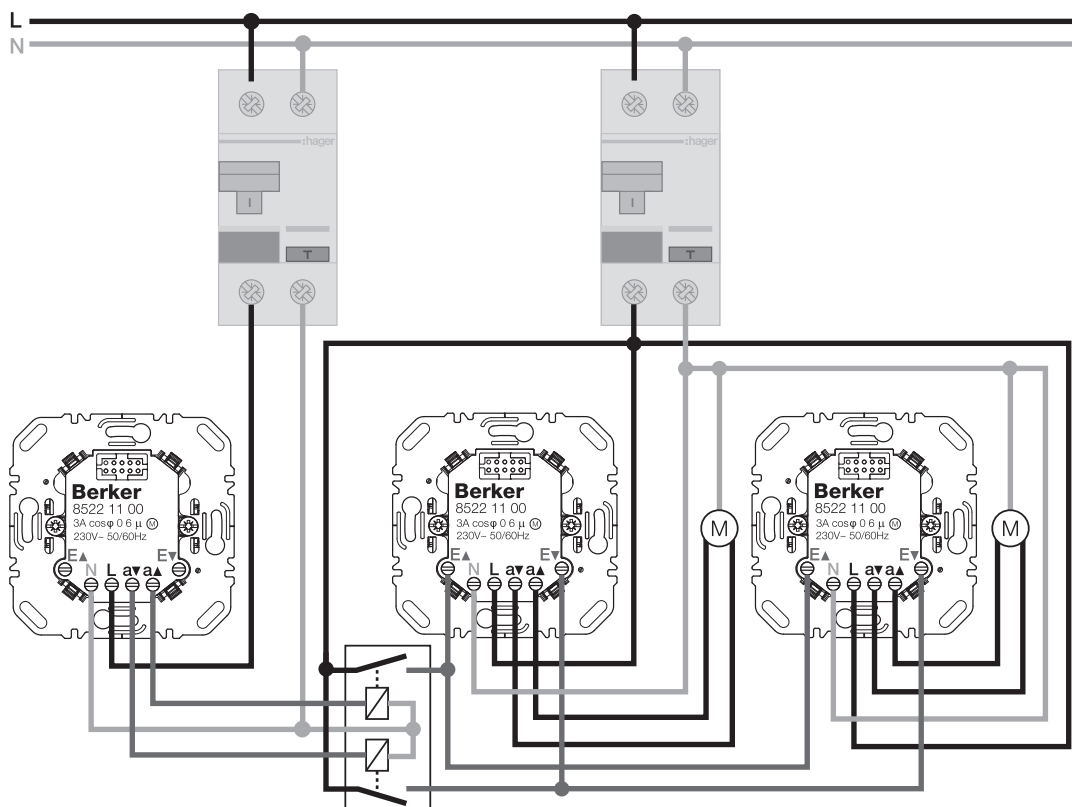
Master and group control

- Circuit master and group control according to circuiting diagram



Master control under application of various RCCBs

- Circuit master control under application of various RCCBs according to circuiting diagram



6. Appendix

6.1 Technical data

Rated voltage	AC 230 V, + 10 % /- 15 %
Mains frequency	50/60 Hz
MCB	max. 10 A
Switching current	5 A (R/L)
Change-over time to the opposite running direction	0.6 sec.
Standby power consumption	< 0.1 W
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	-5°C ... +45°C
Storage/transport temperature	-20°C ... +60°C
Extension unit cable length	max. 50 m
Load cable length	max. 100 m
Number of extension units	unlimited
Connecting terminal	1 x 4 mm ² or 2 x 2.5 mm ²
Mounting orientation	connecting terminals downwards
Housing installation depth	22 mm
Claw guide installation depth	32 mm

6.2 Accessories

Push-button for blinds	order no. 8524 11 xx
Blind time switch	order no. 8574 11 xx
Radio push-button for shutters quicklink	order no. 8524 51 xx
Radio shutter timer quicklink	order no. 8574 51 xx

6.3 Warranty

We reserve the right to make technical and formal changes to the product in the interest of technical progress.

Our products are under guarantee within the scope of the statutory provisions.

If you have a warranty claim, please contact the point of sale or ship the device postage free with a description of the fault to the appropriate regional representative.