

Memo Control



Art.-no.:
01752100

Short description

- Compatible with popular switch ranges
- Status indicated by LED
- Data storage in event of power failure
- Daily up/down commands programmable
- Manual and automatic operation
- Floating output, suitable for operating decentralised controls

Safety precautions

- Contact a professional electrician to install the control system, because the control system requires a power supply of 230VAC, 50 Hz.
- Check the control system for signs of mechanical damage after unpacking. If you notice any shipping damage, do not start up the control system and notify your supplier immediately.
- The control system should only be used for the purpose specified by the manufacturer (refer to the operating instructions). Any changes or modifications thereof are not permissible and will result in loss of all warranty claims.
- If the control unit or the connected sunshade cannot be operated without presenting a hazard, it must be switched off and prevented from being switched on unintentionally.
- When performing work on the windows, controls or connected shades, protect them against unauthorised or unintentional operation.

Technical data

Power supply:	230VAC, 50 Hz
Impulse voltage withstand level:	2.5 kV
Rated power:	2 W
Output:	230VAC, 50 Hz
Maximum load:	250VAC, 3 A, $\cos \varphi \geq 0.8$ ind.
Align switching time:	120 seconds
Software class:	A
Operating temperature:	0 °C (32 °F) to +40 °C (104 °F)
IP class:	IP 40
Degree of contamination:	2
Dimensions (L x W x H):	50 x 50 x 46 mm (without cover frame)
Colour information:	similar to RAL 9016
Conformity:	

The disposal of electrical equipment and batteries in household waste is strictly forbidden.

The symbol (dustbin crossed out, in line with WEEE Appendix IV) indicates separate collection of electrical and electronic products in EU countries. Do not dispose of the device or battery in your household waste. Ask your town or local council about the return and collection systems available in your area to dispose of this product.

Memo Control

Art.-no.: 01752100

Roller Shutter Control to drive motors 230VAC or motor controls of the R-/P-Series.

Installation and Operating Instructions

Installation



WARNING!

Risk of injury due to improper installation and commissioning. Improper installation and commissioning may lead to personal injury or property damage.

Therefore:

- When connecting the device, observe the currently valid VDE standards (in particular DIN VDE 0100/0700), your local power company's regulations and the current accident prevention regulations.
- Connect the control in accordance with the wiring diagram.

Notes for professional electricians

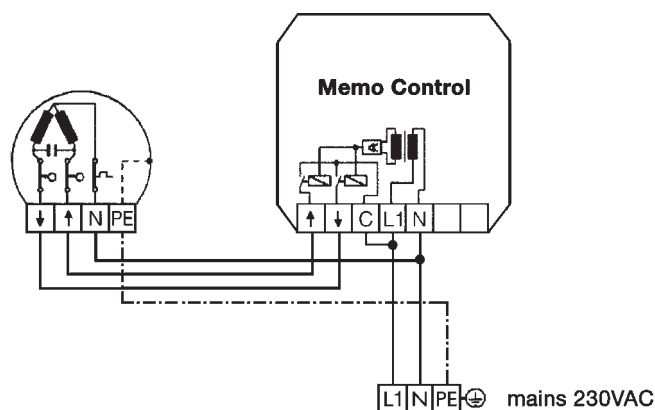
- Switch off the power supply.
- Connect the power supply in accordance with the wiring diagram.
- If possible, fit the power supply into a deep flush box and fix in place.
- Fit the frame cover.
- Fit the operating device carefully into the power pack by applying gentle pressure to the frame cover.
- Switch on the power supply.

Wiring diagram



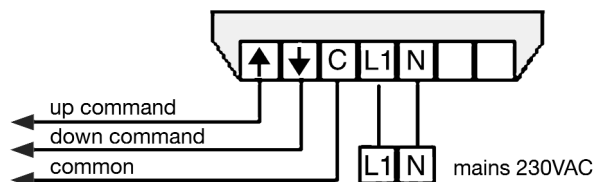
WARNING!

Parallel control of more than one drive motors can only be implemented by means of isolating relays and group control devices.



ATTENTION!

When using decentralised control systems, the wire bridge (C-L1) must be removed.



When controlling decentralised controls such as MC P2 or MC P4, for example

Functional description

Manual operation mode

If the control system is in manual operation mode, press the up button briefly to fully raise the shutter or press the down button briefly to lower the shutter. There is no need to press and hold the buttons. If you do not wish to fully open or close the shutter, simply interrupt the shutter's movement by briefly pressing the opposite button. The shutter will immediately stop moving.

Automatic operation mode

In this mode the Memo Control raises and lowers your shutters according to the times that you have programmed for each day of the week. The shutters can, of course, still also be operated manually.

In the event of a power failure the programmed data remains in the system memory for about 5 hours. During this time any pending commands will not be carried out.

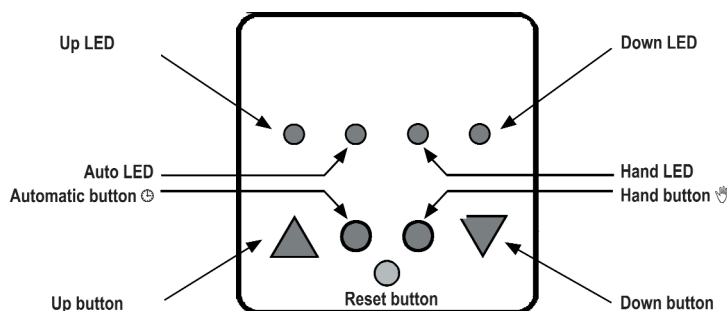
Display and operating elements

Up LED: flashes slowly: The shutter is being raised.
 flashes quickly: An up time is being programmed (in automatic operation mode only).
 lights up: The up time has been programmed (in automatic operation mode only).

Down LED: flashes slowly: The shutter is being lowered.
 flashes quickly: A down time is being programmed (in automatic operation mode only).
 lights up: The down time has been programmed (in automatic operation mode only).

Auto LED: lights up: The control system is in automatic operation mode.

Hand LED: lights up: The control system is in manual operation mode.



Operating the control system

Manual operation mode

To (temporarily) disable the programmed shutter movements, briefly press the hand button (👉). The red "Manual operation" LED will light up.

The shutter has stopped moving:

- Simply press the **up button** to fully raise the shutter.
- Simply press the **down button** to fully lower the shutter.

The shutter is moving and you wish to stop it:

- Briefly press the opposite button and the shutter will immediately stop moving.

Automatic operation mode

To (re-)enable the programmed shutter movements, briefly press the automatic button (⏻). The green "Automatic operation" LED will light up.

The shutter has stopped moving:

- Simply press the **up button** to fully raise the shutter.
- Simply press the **down button** to fully lower the shutter.

The shutter is moving and you wish to stop it:

- Briefly press the opposite button and the shutter will immediately stop moving.

Programming the control system

To programme the control system must be in automatic operation mode.

Programming the up time

To programme an up time, press and hold the **up button** for about 10 seconds. During this time, the left LED will flash quickly. When the flashing LED lights up continuously this indicates that the time has been programmed and that the shutter will now be raised daily at this time.

This will delete any previously programmed up times. Only the up time that you have just programmed shall apply.

Programming the down time

To programme a down time, press and hold the **down button** for about 10 seconds. During this time, the right LED will flash quickly. When the flashing LED lights up continuously this indicates that the time has been programmed and that the shutter will now be lowered daily at this time.

This will delete any previously programmed down times. Only the down time that you have just programmed shall apply.

Deleting the programmed data

Both times are deleted simultaneously.

To do this, press and hold the up and down buttons simultaneously until the LEDs turn off. Both LEDs will then start to flash quickly and after 10 seconds they will both turn off and any previously programmed times will be deleted.

Restoring the control system's default settings

Reset the control system's default settings by pressing the reset button (under the cover cap). This will delete any previously programmed up or down times. To do this, remove the cover cap by pulling it gently and press the reset button.

NOTE! Programme the shutter up/down times by pressing and holding the up and down buttons in automatic operation mode. The corresponding direction LED will flash quickly during this process. If you release the button in programming mode, the LED will flash slowly to indicate that the shutter has been programmed with an up/down command. Refer to the Programming section for further information.