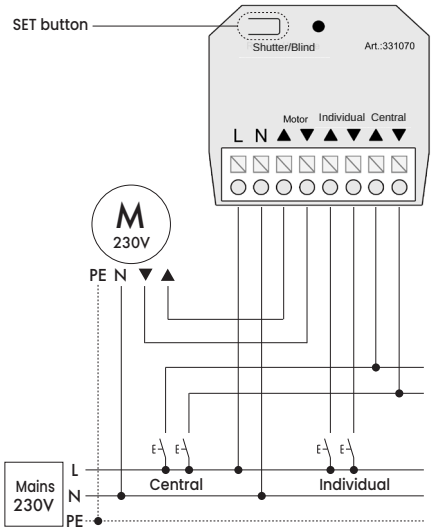
KAISER NIENHAUS

Multiple control unit 230V
Item 331070
for roller shutters & blinds, adjustable

Installation and
Operating Instructions

1 Wiring Diagram



2 Safety Instructions

The electrical connection may only be carried out by an approved electrician in accordance with the wiring diagrams shown in these instructions. Observe the VDE regulations, especially in damp rooms. The VDE regulations contain mandatory protective measures. Failure to do so poses a danger to life! Installation and connection work must always be carried out with the power disconnected; to do this, the supply lines must be disconnected from the mains on all poles and secured against being switched on again. Disconnection from the mains must be made with switching devices that guarantee a contact gap of at least 3mm.

Make sure that nobody is within the travel range of the roller shutters and that nothing can block the movement of the curtains. These operating instructions must be observed and are part of the device and of our warranty conditions.

3 Mode of Operation

The isolating relay, item no. 331070, can be used to control roller shutters or blinds. For this purpose, the device has 2 operating modes. Each function is explained in more detail below:

Roller shutter mode
The central command has priority and works in hold-to-run mode. Individual control works with 120-second self-holding on a button pulse. A push-button must be used for individual control.

Blind mode
The central command has priority and works in hold-to-run mode. Individual control works with 120-second self-holding on a button pulse longer than 2 seconds. With a button pulse shorter than 2 seconds, the device works in jog mode. Here, too, a push-button must be used for individual control.

Changing the Mode
To switch between the operating modes, press and hold the **SET** button until the connected motor confirms the mode change with a short jog.

4 Technical Data

Mains voltage:	230V, AC, 50Hz
Control voltage:	230V, AC, 50Hz
Switching capacity:	max. 2A
Dimensions:	48 x 45 x 23mm
Weight:	44g
Temperature range:	0°C - 60°C
Motor running time: (roller shutter)	120s
Motor running time: (blind)	Pulse >2s: 120s Pulse <2s: jog mode
Changeover pause:	0.4s

IMPORTANT: Suitable for controlling only one drive.