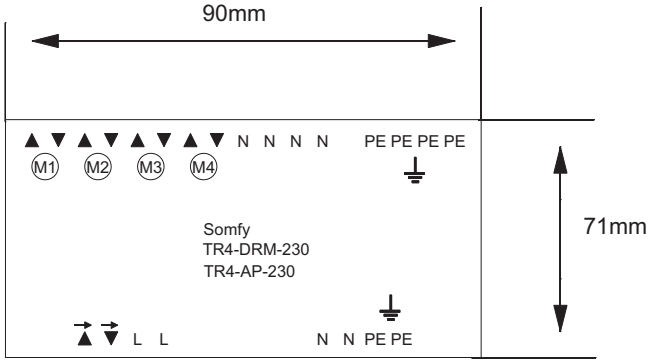
TR4-DRM-230
TR4-AP-230 (in housing 110*110*66mm (H*W*D))

Technical data

Power voltage	230V
Max. contact load	4,5A per output
Index protection	IP20
Operating temp.	+5 to +40 °C



Height 62mm

Produkt and functional description

The cut-off relay TR4-...-230 is a control relay for controlling blind and roller shutter motors with mechanical limit switches. The isolating relay is used to prevent unauthorized parallel switching of blind or roller shutter motors.
Up to four motors can be connected to each TR4-...-230.
If several motors should be operated, several isolating relays can be connected according to the wiring diagram.

Central Control

All connected motors can be operated simultaneously via the central control. Blind switches and blind buttons, shutter timers, KNX shutter actuators are suitable as switching elements.
Important: switching time between up and down command >= 0.5 sec. must be complied with, otherwise a damage to the motor or the relay is possible (observe the technical data of the motors).

Stringing together several isolating relays

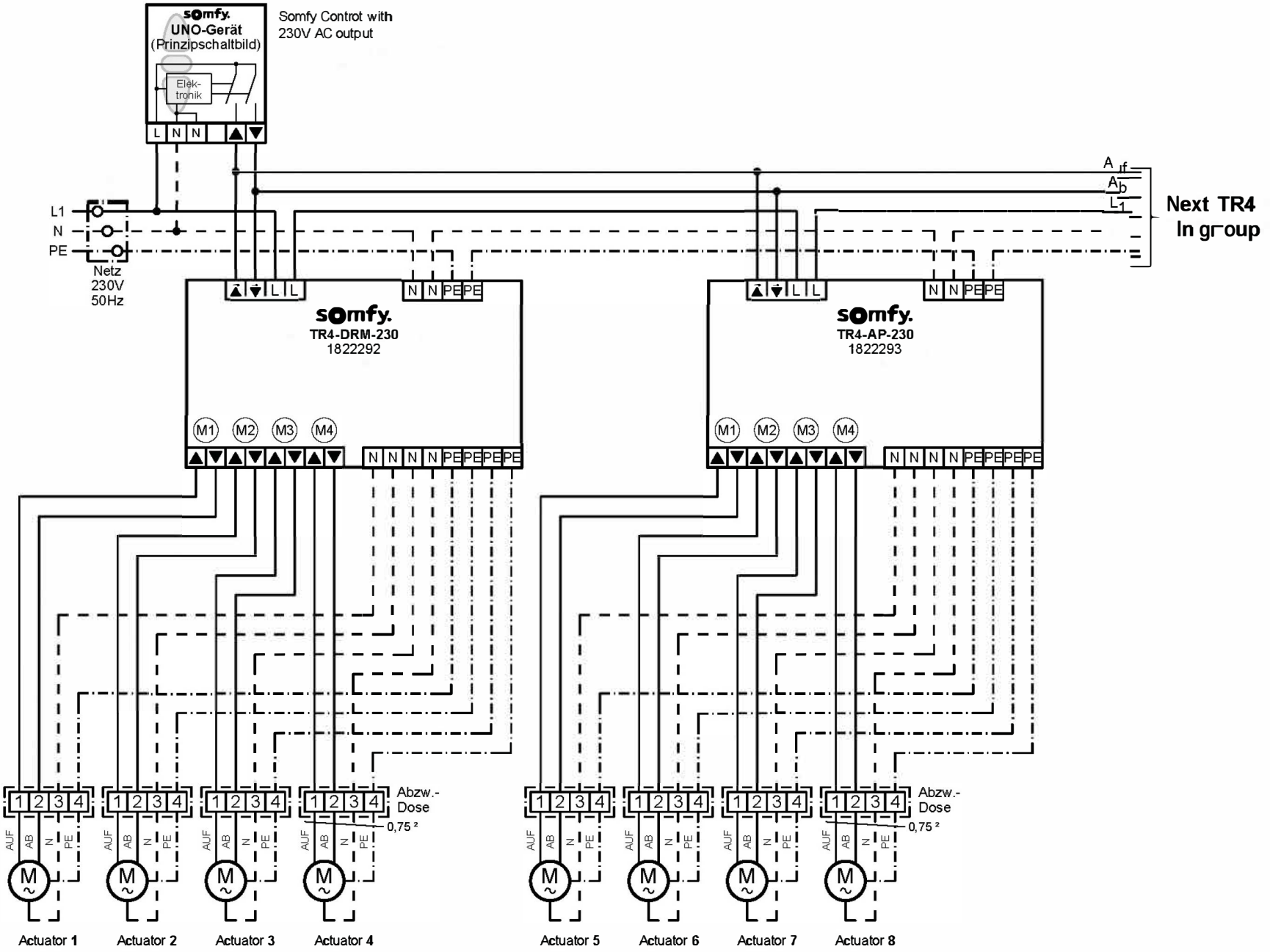
Several isolating relays can be interconnected according to the circuit diagram.
Only the current for the relay coils does not flow via the control inputs up and down the motor current. The load on the central control is therefore minimal.

Technical specification

Power supply: 230V, AC, 50Hz, circuit breaker fuse max. 10A, characteristic A or B Outputs: Connection for a roller shutter or blind motor (8A AC1, 4 A cos phi 0.6) Connections: screw terminal 0.5 to 4qmm solid, 0.5-2.5qmm finely stranded with ferrule Electrical safety: degree of pollution (IEC 60664-1): 2, degree of protection: depending on the installation socket, overvoltage (according to IEC 60664-1):3, CE marking: low-voltage directive

Danger

The device may only be connected by a qualified electrician.
The device must not be opened.
When connecting, make sure that the isolating relay is disconnected on all poles.
If different phases are permitted, it must be ensured that in the event of a fault or during work is released on all poles of the system.
The applicable safety and accident prevention regulations must be observed.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(Prinzipschaltbild)
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TR4-AP-230
1822293
M1 M2 M3 M4
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Actuator 1
Actuator 2
Actuator 3
Actuator 4
Actuator 5
Actuator 6
Actuator 7
Actuator 8