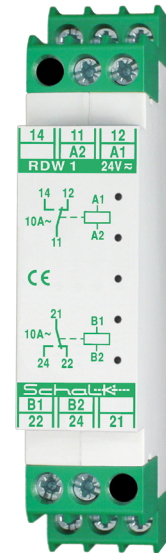


Double relay RDW 1

Switching and control relay with two potential-free, monostable relay outputs and switching status indication via LED.

Special features

- ▶ 2 separate magnet systems in one module width
- ▶ Low power dissipation
- ▶ also available in 230 V AC
- ▶ Switching status display via LED
- ▶ Very low noise switching



General information

The monostable double relay RDW 1 was developed for general control technology. The creepage and clearance distance between the potential-free changeover contacts and the control inputs, as well as between the two control coils, is 8 mm (max. voltage difference 400 V AC).

Applications

For example reversing circuit for DC motor (tilt window drive),

building services, industrial control technology and many more.

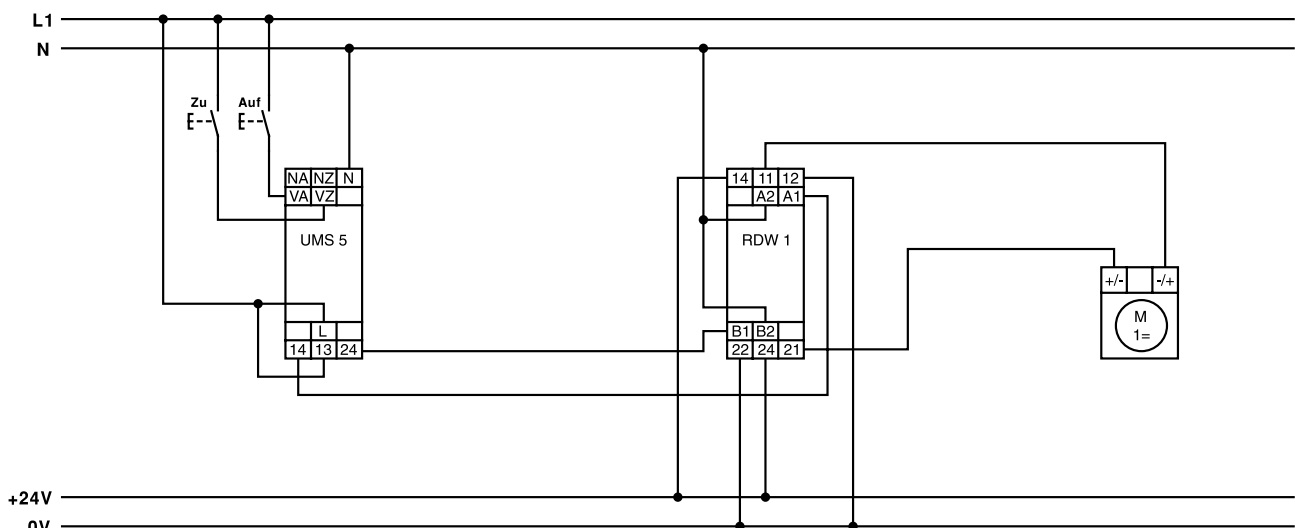
Operation

The monostable relays are controlled via terminals A1, A2 or B1, B2.

On the output side, 2 potential-free change-over contacts (11, 12, 14 or 21, 22, 24) are available.

2 LEDs indicate the switching status.

Connection example RDW 1 - Direction change of a DC motor by reversing polarity



Common technical data

max. voltage between contact and control input	400 V AC
Relay output	2 CO potential-free
Switching voltage	max. 250 V AC
Continuous current	max. 10 A
Switch rating AC	max. 2500 VA
Glow lamp load	max. 600 W
Switch rating DC	max. 300 W
Electrical service life	1 x 10 ⁵ cycles
Parallel compensation for fluorescent lamps	not allowed
Ambient temperature	-10°C to +45°C
Connection terminals	Socket terminals with captive screws M3.5
Clamping range	0.5 mm ² - 4.0 mm ²
Strip length	6.0 mm - 6.5 mm
Screwing torque	0.80 Nm
Mounting orientation	arbitrarily
Mounting	Click-mount on standard 35-mm rail (EN 60715)
External dimensions	18 x 88 (45) x 58 mm ³
Installation depth	55 mm
Weight	approx. 80 g
RAL colour	grey 7035 / green 6029

Technical data (24V UC)

Supply voltage	24 V 20 %
Current consumption per relay	10 mA
Power loss per relay	0.25 W
Line capacity	approx. 150 nF

Technical data RDW 1 (230V AC)

Supply voltage	230 V~ 10 %
Current consumption per relay	10 mA
Power loss per relay	0.25 W
Line capacity	approx. 20 nF

Order data

Item no.	EAN	Type	Designation
RDW104	4 046929 601054	RDW 1 (24V UC)	Double relay 2 x 24V UC, 2 CO 10A
RDW109	4 046929 601061	RDW 1 (230V AC)	Double relay 2x230V AC, 2 CO 10A