



Switching and control relay RSW 2

Universal voltage switching and control relay with one relay output and automatic adjustment of the input voltage from 12 - 230V (AC or DC), with switching status indication via LED.

Special features

- ▶ Automatic voltage adjustment 12-230 V
- ▶ Operation with DC or AC voltage
- ▶ Switching status display via LED
- ▶ Very low noise switching



General information

The monostable universal voltage relay RSW 2 was developed for versatile use in general control and installation technology.

The automatic voltage adjustment in the range of 12 V to 230 V (DC or AC) ensures that the right relay is always at hand. With a switching capacity of 16A at 250 V, the RSW 2 is also suitable for higher switching currents. Thus, this modern relay offers the user a high degree of flexibility and economy.

Applications

Building services, industrial control technology, solar systems, automotive technology and many more.

Operation

The RSW 2 is controlled via terminals A1 and A2. The power consumption is between 0.4 and 1.2 W, depending on the supply voltage.

An LED signals the switching status.

Any control voltage change may take place in the controlled state. It should only be noted that the relay contact switches off for a few seconds in the event of a rapid change from high voltage to low voltage.

Technical data

Power consumption:	0.4 - 1.2 W (at 12 - 230 V)
Power consumption at 12 V	40 mA
Power consumption at 230 V	6 mA
Relay output	1 CO potential-free
max. voltage between contact and control input	400 V AC
max. switching voltage	250 V AC
max. continuous current	16 A
max. switching capacity AC	3500 VA
max. glow lamp load	1000 W
max. switching capacity DC	350 W
max. capacitive load	40 µF
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
Installation depth	55 mm
Weight	approx. 80 g
RAL colour	grey 7035 / green 6029

Order data

Item no.	EAN	Type	Designation
RSW20U	4 046929 601153	RSW 2	Switching and control relay 12-230V UC 1 CO 250V/16A