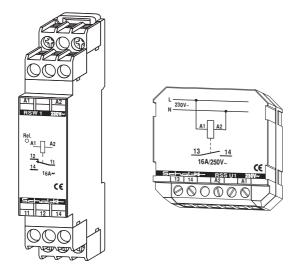




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# Switching and control relays RSW 1 RSS U1

## **SPECIAL FEATURES:**

- Low power loss
- High switching capacity
- 3 operating voltage ranges
- Extremely low-noise switching

# **TECHNICAL DATA:**

## Control input

Operating voltage: 12V UC ± 10% 24V UC ± 10% 230V AC ± 10%

Relay output RSW 1

Relay output RSS U1

Switching voltage Continuous current Switching capacity AC Incandescent lamp load Switching capacity DC Electrical service life Ambient temperature Creepage/clearance

Insulated housing

Installation position Colour (RAL)

#### RSW 1 only: Connections

Connection

External dimensions Installation depth Weight

#### RSS U1 only: Connections

External dimensions Weight Current consumption: 45mA 25mA 25mA (5.8VA / 0.6W)

1 changeover contact, potential-free 1 normally open contact, potential-free 250V AC 16A 3500VA 1000W 350W 1 x 10<sup>5</sup> switching cycles -10°C to +45°C compliant VDE 0110 gr. C/250V flameproof to VDE 0304 part 3, level FV 0 freely selectable grey 7035 / green 6029

socket terminals with captive screws M3.5 (4x1.5 / 2x2.5 / 1x4mm<sup>2</sup>) 18x88(45)x58mm 55mm approx 75g

socket terminals with captive screws M3.5 (2x1.5 / 1x2.5mm<sup>2</sup>) 43x43x18.5mm approx. 40g

# **GENERAL:**

The RSW 1 and RSS U1 monostable switching relays were developed for general control system applications.

With a switching capacity of 16A at 250V, the relays are also suitable for <u>high currents</u>.

The RSW 1 has a potential-free changeover contact (8mm creepage distance and clearance), while the RSS U1 has a potential-free normally open contact (6mm creepage distance and clearance)

# **APPLICATION:**

Home automation, industrial control systems etc.

### **OPERATION:**

The RSW 1 monostable switching relay is designed for triggering as normal via terminals A1 and A2. An LED signals the switch output state (RSW 1 only).

## **ORDERING INFORMATION:**

Part No.	Туре	Description	
Rail mounti	ng:		
rsw102	RSW 1	Switching relay 12V UC 16A	
rsw104	RSW 1	Switching relay 24V UC 16A	
rsw109	RSW 1	Switching relay 230VAC 16A	
Flush mounting:			

rssu12	RSS U1	Switching relay 12V UC 16A
rssu14	RSS U1	Switching relay 24V UC 16A
rssu19	RSS U1	Switching relay 230VAC 16A