

RSK20 Delay on make with 2 c/o relay output

RSK20 is a delay on make timer with 2 c/o relay output. Following application of power to the unit time period starts to run, on completion of time period the relay energized for as long as power is maintained to the unit. If power is removed from the unit before time out is complete the timing function will reset.



General specifications

- Main Standards: IEC 61812-1, IEC 61000-6-2, EN 50178
- Additional standards: IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5
- Protection class open air: IP20
- Protection class enclosed (accessible front): IP40
- Self-extinguishing plastic housing UL V0 acc IEC 529
- Mounting position: on DIN-rail TS 35 according to EN 50022
- Mounting position: vertically
- Terminal : acc IEC 60947-7-1, IEC 60998-1
- Terminal Capacity: 1x4mm² without multicore cable end
1x0.5 to 2.5mm² with/without multicore cable end

Display

- Power on: LED green (Un) Indicates of supply voltage
- Relay energized: LED red (R) indicates of relay energized.

Incoming supply circuit

- Supply voltage: 240VAC (refer to table below)
- Supply tolerance: ± 10%
- Incoming Supply terminals: A1 (+) – A2 refer to table below.
- Rated power consumption: 2 VA
- Rated frequency for as voltage: 48 to 63 Hz
- Duty cycle: 100%
- Reset time: 30 ms
- Drop off voltage: ≥ 20% of nominal voltage.

Output circuit

- Relay: 2 C/O
- Rated voltage: 250 Vac
- Switching capacity ac: 1000 VA (5A / 250V) COS φ = 1
- Switching capacity dc: 3A 30 Vdc
- Max switching capacity ac: 5A
- Mechanical life: 1 x 10⁶ operations
- Electrical life at 1000 VA COS φ=1: 200.000 operations

Accuracy

- Base accuracy at min. and max scale: ±1%
- Adjusting accuracy: <5% of max scale value
- Repetition accuracy under constant condition: <0.5% (as % of full range)
- Voltage influence: No
- Temperature influence: < 0.01% / °C

Environmental conditions

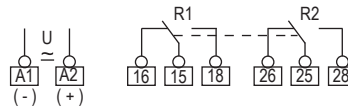
- Permissible ambient temperature: -25°C....+55°C
- Storage temperature: -25°C....+70°C
- Transport temperature: -25°C....+70°C
- Relative humidity (acc. IEC 721-3-3 CLASS 3K3): 15% to 85%
- Vibration resistance (acc. IEC 68-2-6): 10 TO 55 H

Dimensions & weight

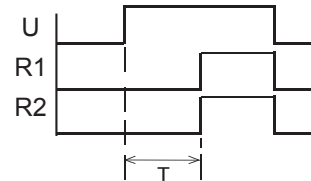
- Width: 24 mm
- Height: 89 mm
- Depth (excl. DIN-profile): 64 mm
- Weight: 65 gram

Connections

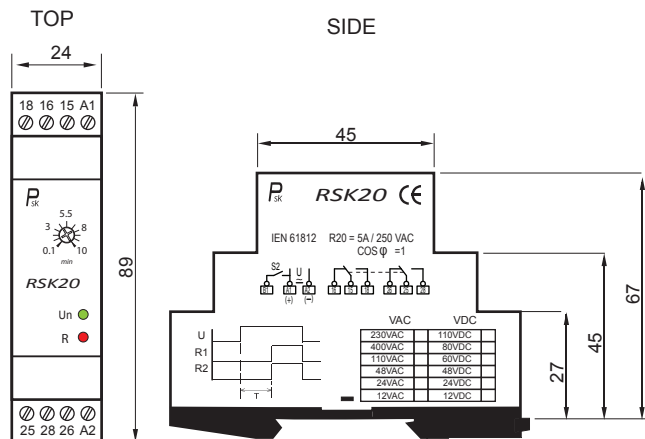
IEC 61812 R20 = 5A / 250 VAC
COS φ = 1



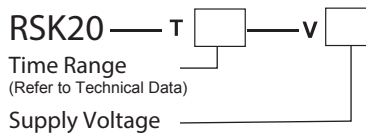
Function



Dimensions



Ordering information



VAC	VDC
230VAC	110VDC
400VAC	80VDC
110VAC	60VDC
48VAC	48VDC
24VAC	24VDC
12VAC	12VDC