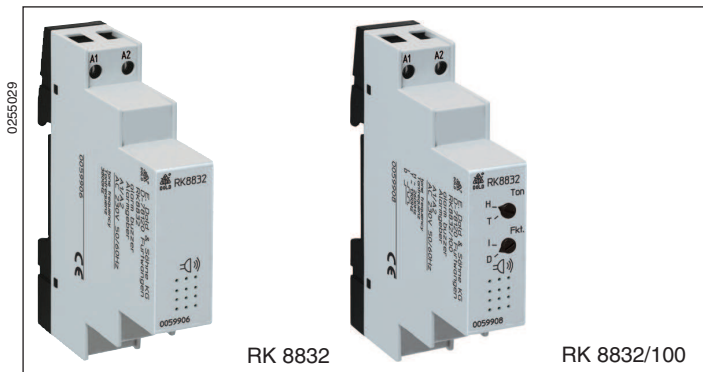
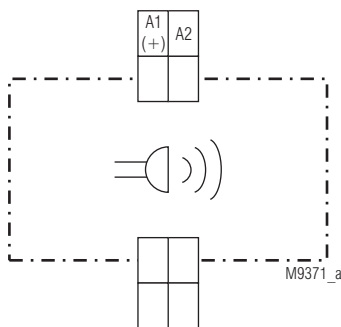


Buzzer RK 8832



- Permanent sound, pitch fixed
- optionally with switchable interval- / permanent sound and 2 pitches settable
- Width: 17.5 mm and depth: 64 mm

Circuit Diagram



RK 8832, RK 8832/100

Connection Terminals

Terminal designation	Signal designation
A1(+)	+ / L
A2	- / N

Approvals and Markings



Applications

- Audible alarm
- Alarm buzzer in 1- or 2-family houses

Technical Data

Input

Nominal voltage U_N:	AC/DC 24V AC 230 V
Voltage range:	0.8 ... 1.1 U_N
Frequency range:	45 ... 65 Hz

Output

Signal frequency

RK 8832:	3,8 kHz fixed
RK 8832/100:	1,3 / 2,6 kHz adjustable

Volume

(2 m distance):

RK 8832:	3.8 kHz	approx. 70 dB (A)
RK 8832/100:	1.3 kHz	approx. 60 dB (A)
	2.6 kHz	approx. 70 dB (A)

General Data

Nominal operating mode: continuous operation

Temperature range:

Operation:	
RK 8832, SK8832:	- 20 ... + 60 °C
RK 8832/100:	- 20 ... + 50 °C

Altitude:

< 2,000 m

Clearance and creepage distance

rated impulse voltage /
pollution degree: 4 kV / 2 IEC 60 664-1

EMC

Electrostatic discharge (ESD):	8 kV / 2 (air)	IEC/EN 61 000-4-2
HF irradiation:	10 V/m	IEC/EN 61 000-4-3
Fast transients:	2 kV	IEC/EN 61 000-4-4
surge voltage between wires for power supply:	1 kV	IEC/EN 61 000-4-5
between wire and ground:	2 kV	IEC/EN 61 000-4-5
HF wire guided:	10 V	IEC/EN 61 000-4-6
interference suppression:	limit value class B	EN 55 011

Technical Data

Degree of protection:

Housing: IP 40 IEC/EN 60 529
Terminals: IP 20 IEC/EN 60 529

Enclosure: thermoplastic with VO behaviour
according UL Subject 94

Vibration resistance: Amplitude 0.35 mm
Frequenz 10 ... 55 Hz, IEC/EN 60 068-2-6

20 / 060 / 04 IEC/EN 60 068-1

Climate resistance: EN 50 005

Terminal designation: EN 50 005

Wire connection: 1 x 2.5 mm² solid or
max. 1 x 2.5 mm² stranded wire with sleeve
DIN 46 228-1/-2/-3/-4

Wire fixing: Box terminal with wire protection

Mounting: DIN-rail IEC/EN 60 715

Fixing torque: 0.5 Nm

Weight

RK 8832: 40 g

RK 8832/100: 44 g

Dimensions

Width x height x depth: 17.5 x 90 x 71 mm

Standard Type

RK 8832 AC 230 V

Article number: 0059906

- Permanent sound, pitch fixed
- Nominal voltage U_N : AC 230 V
- Width: 17.5 mm

Variant

RK 8832/100: interval- / permanent sound adjustable
2 pitches settable

Order reference for variant

RK 8832 / _ _ _ AC 230V

