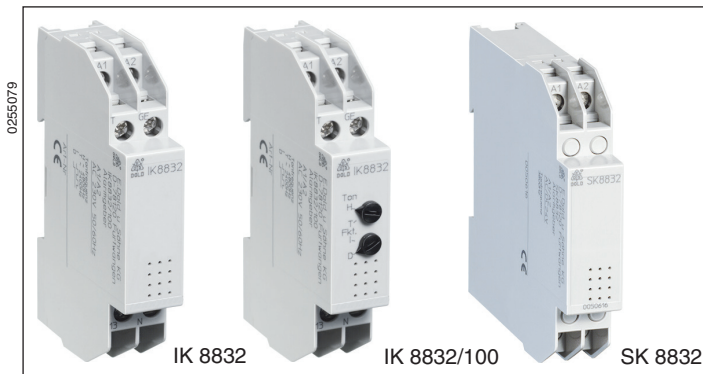


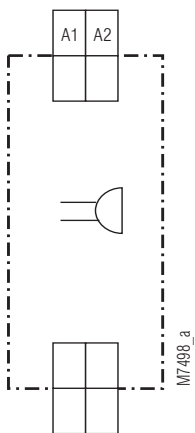
## Buzzer IK 8832, SK 8832

Translation  
of the original instructions



- Permanent sound, pitch fixed
- optionally with switchable interval- / permanent sound
- Devices available in 2 enclosure versions:
  - I- and-version, e.g. IK \_\_\_\_\_ with depth 61 mm with terminals at the bottom for installation systems and industrial distribution systems according to DIN 43 880
  - S-version, e.g. SK \_\_\_\_\_ with depth 100 mm, with terminals at the top for cabinets with mounting plate and cable duct
- Width: 17.5 mm

### Circuit Diagram



IK 8823, IK 8832/100, SK 8832

### Connection Terminals

Terminal designation	Signal description
A1	+ / L
A2	- / N

### Approvals and Markings



### Applications

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

### Technical Data

#### Input

<b>Nominal voltage <math>U_N</math>:</b>	AC/DC 24V AC 230 V
<b>Voltage range:</b>	0.8 ... 1.1 $U_N$
<b>Frequency range:</b>	45 ... 65 Hz

#### Output

<b>Signal frequency</b>	
IK 8832, SK 8832:	3.8 kHz fixed
IK 8832/100:	2.4 / 4.8 kHz adjustable
<b>Volume</b>	
<b>(15 cm distance):</b>	
IK 8832, SK 8832:	3.8 kHz approx. 80 dB (A)
IK 8832/100:	2.4 kHz approx. 55 dB (A)
	4.8 kHz approx. 75 dB (A)

### General Data

<b>Nominal operating mode:</b>	continuous operation	
<b>Temperature range</b>		
Operation:		
IK 8832, SK8832:	- 20 ... + 60 °C	
IK 8832/100:	- 20 ... + 50 °C	
<b>Altitude:</b>	< 2000 m	
<b>Clearance and creepage distance</b>		
Rated impulse voltage / pollution degree:	4 kV / 2	IEC 60664-1
<b>EMC</b>		
Electrostatic discharge (ESD):	8 kV / 2 (air)	IEC/EN 61000-4-2
Fast transients:	2 kV	IEC/EN 61000-4-4
surge voltage		
between		
wires for power supply:	1 kV	IEC/EN 61000-4-5
between wire and ground:	2 kV	IEC/EN 61000-4-5
HF wire guided:	10 V	IEC/EN 61000-4-6
interference suppression:	Limit value class B	EN 55011

## Technical Data

### Degree of protection:

Housing: IP 40 IEC/EN 60529  
Terminals: IP 20 IEC/EN 60529

**Enclosure:** thermoplastic with VO behaviour  
according UL Subject 94

**Vibration resistance:** Amplitude 0.35 mm  
Frequenz 10 ... 55 Hz, IEC/EN 60068-2-6

20 / 060 / 04 IEC/EN 60068-1

**Climate resistance:** EN 50005

### Terminal designation:

**Wire connection:** 2 x 2.5 mm<sup>2</sup> solid or  
2 x 1.5 mm<sup>2</sup> stranded wire with sleeve  
DIN 46228-1/-2/-3/-4

**Wire fixing:** Flat terminals with self-lifting  
clamping piece IEC/EN 60999-1

**Fixing torque:** 0,8 Nm

**Mounting:** DIN-rail IEC/EN 60715

### Weight

IK 8832: 55 g

SK 8832: 72 g

IK 8832/100: 60 g

## Dimensions

### Width x height x depth:

IK 8832: 17.5 x 90 x 61 mm

SK 8832: 17.5 x 90 x 100 mm

## Standard Type

IK 8832 AC 230 V

Article number: 0049528

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

## Variant

IK 8832/100: Interval- / permanent sound adjustable  
2 pitches settable

### Order reference for variant

IK 8832 / - - AC 230V

