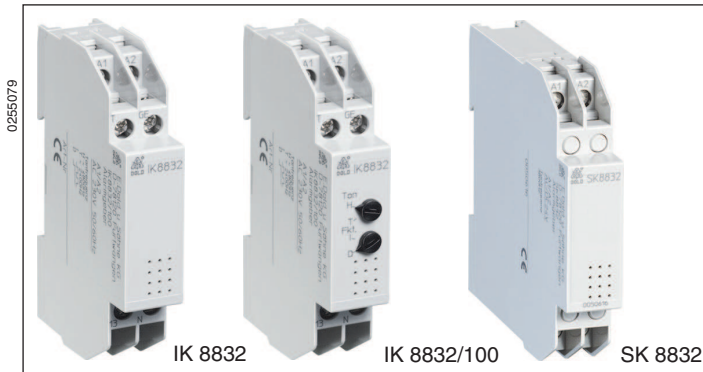
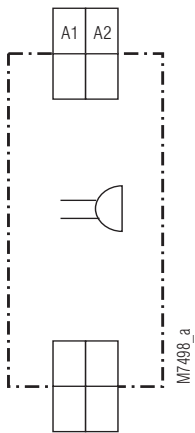


Buzzer IK 8832, SK 8832



- 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 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	
IK 8832, SK 8832:	3.8 kHz fixed
IK 8832/100:	2.4 / 4.8 kHz adjustable
Volume	
(15 cm distance):	
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

Nominal operating mode:	continuous operation	
Temperature range		
Operation:		
IK 8832, SK8832:	- 20 ... + 60 °C	
IK 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
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:

Wire connection: 2 x 2.5 mm² solid or
2 x 1.5 mm² stranded wire with sleeve
DIN 46 228-1/-2/-3/-4

Wire fixing: Flat terminals with self-lifting
clamping piece IEC/EN 60 999-1

Fixing torque: 0,8 Nm

Mounting: DIN-rail IEC/EN 60 715

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

