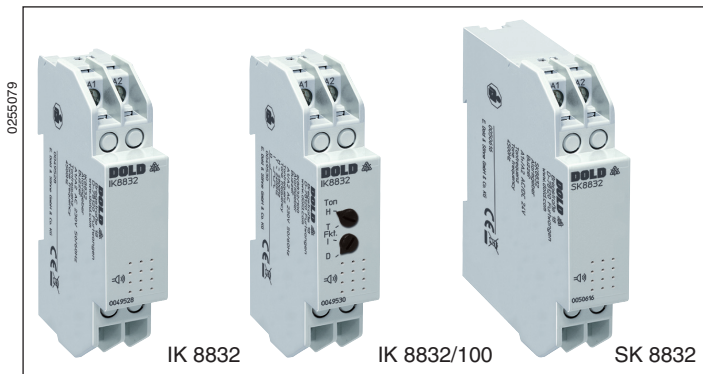


Buzzer IK 8832, SK 8832

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

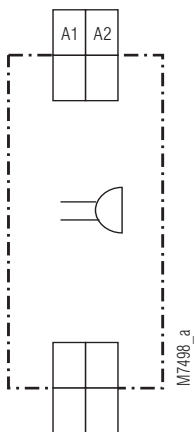
Product Description

When the supply voltage is connected, an audible signal is generated so the alarm buzzer can be used to output audible alarms or signals, e. g. when exceeding setting values of measuring relays.

Approvals and Markings



Circuit Diagram



IK 8823, IK 8832/100, SK 8832

Connection Terminals

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

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	4.5 kHz fixed	
IK 8832, SK 8832:	4.5 kHz	
IK 8832/100:	2.4 / 4.8 kHz adjustable	
Volume		
(15 cm distance):		
IK 8832, SK 8832:	4.5 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:	≤ 2000 m

Clearance and creepage distance

Rated impulse voltage / pollution degree:	4 kV / 2	IEC 60664-1
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EMC

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 mm² solid or
2 x 1.5 mm² 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

