SOUNDER WITH
VISUAL ALARM DEVICE (VAD)
SAOZ-Pk2

DOCUMENTS ISSUED BY CNBOP-PIB:
- CPR CERTIFICATE
- CERTIFICATE OF APPROVAL (valid for SAOZ-Pk2 variety)

24V DC	EN 54-3	EN 54-23	110dB	x4	VOL	LED	SYNCHRO	IP33C	

▶ **Technical data:**

Type	sounder with VAD
Supply voltage	20-32,5 V DC
Current consumption in off state	0 mA
Current consumption in on state	<100 mA*
Power consumption in on state	<2,4 W*
Sound output	>110 dB*
Flash frequency	~0,56 Hz
Flash time	~190 ms
Time between flashes	~1610 ms
Device category	O
Device type	type B
Working temperature	-25℃ ÷ +70℃
IP protection degree	IP33C
IK protection degree	not applicable
Conductor cross-section	1,5 mm^2
Dimensions	312x295x95 mm
Weight	~960 g

*for default settings
(Uz=24 V DC, fire signal, full volume, full coverage area, lamp off delay - inactive)
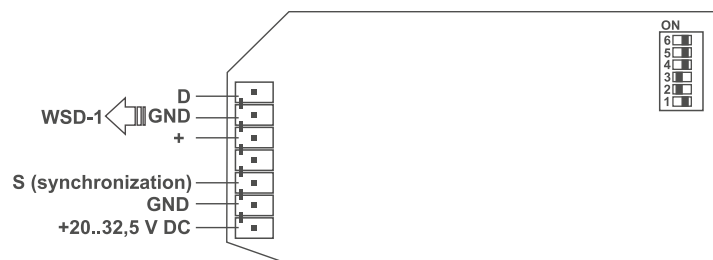
▶ **Product description:**

- Intended for indoor and outdoor fire alarm systems.
- Device meets requirements of EN 54-3:2001+ A1:2002+A2:2006, EN 54-23:2010 standards.
- Color of light - red (also available varieties with white light or red and white light alternately).
- Sound source: piezoceramic transducers.
- LEDs light source.
- 4 alarm sound patterns to choose from.
- Synchronization option (the acoustic and optical parts are being synchronized with use of additional line).
- There is possible to synchronize device with: SA-K5N, SA-P8 (acoustic part), SO-P8 (optical part), SA-K7N, SAO-P8 (acoustic and optical part).
- Sound output at 1 m >110 dB.
- Reduced volume mode (stepwise volume control approx. 6 dB).
- Reduced coverage area mode.
- Low current consumption <100 mA (reduced coverage area and reduced volume mode <50 mA).
- Lamp off delay option.
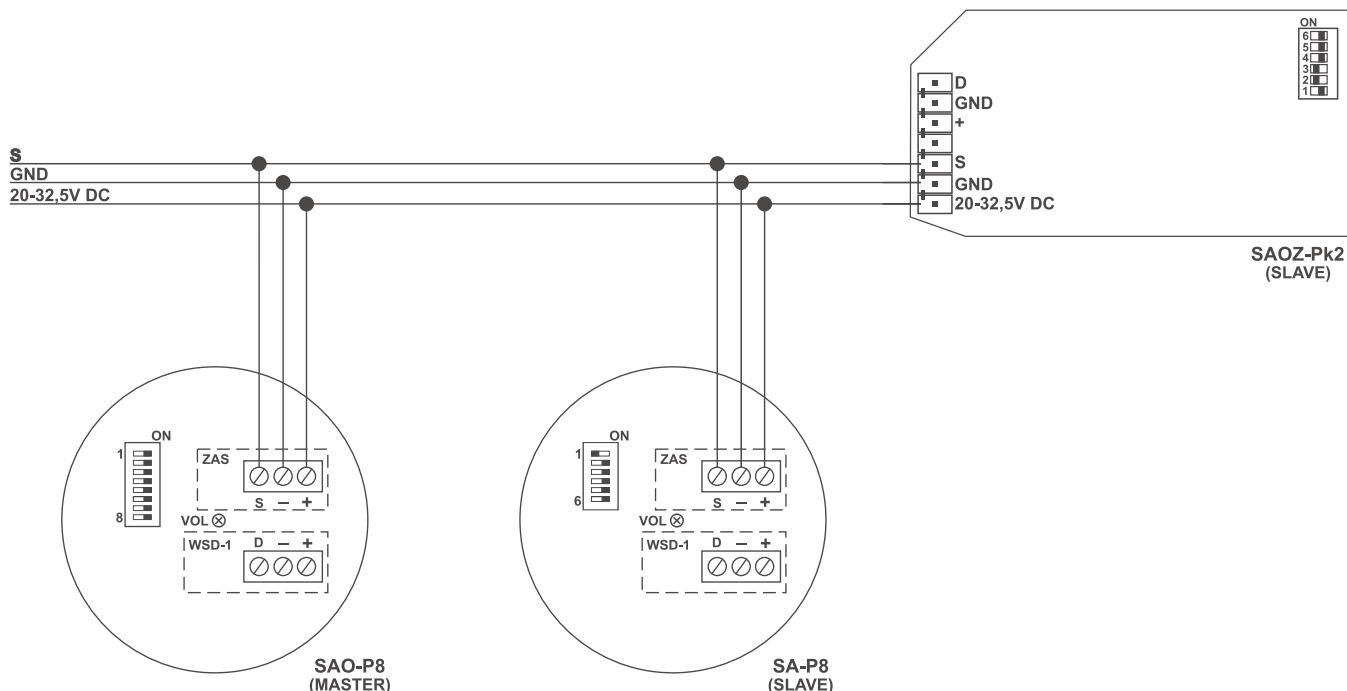- Cooperate with WSD-1 audible signal switch.

▶ **Varieties:**

Varieties	Description
SAOZ-Pk2	sounder with VAD in red housing, red light, red lamp
SAOZ-Pk2/śb	sounder with VAD in red housing, white light, white lamp
SAOZ-Pk2/śbcz	sounder with VAD in red housing, alternating red and white light, white lamp

Connection diagram:

No	Name	Function
1	M/S	Operating mode selection MASTER (ON)/ SLAVE (OFF)
2	S0	Sound pattern selection
3	S1	Sound pattern selection
4	VOL	Full volume / reduced volume mode (OFF - full volume)
5	LP	Reduced coverage area (OFF - full coverage area)
6	LD	Lamp off delay (OFF - inactive)

Synchronization scheme example:

NOTE!
When synchronizing SAOZ-Pk2 devices with P8 series devices, it is recommended that one of the P8 series device operates in MASTER mode and the remaining devices in the network operate in the SLAVE mode.