



AVSA.05/W & AVSA.05/R

Addressable high powered piezoelectric sounder for indoor use (white or red)

AVSA.05 is an **addressable sounder device** build to be driven by a fire detection system (FDS)

It is **allocated and identified by an address**; AVSA.05 is designed to be directly operational from a loop or line of a panel managing the 05 range protocol, it can be monitored and activated individually.

Its round shape allows to be used on walls and ceilings.

Every device has an integrated loop isolator.

The choice of colours (white and red) allows a good sobriety of installation on any surfaces.

AVSA.05 works with a piezoelectric cell that warrants a low loop or line consumption current. Its side hearings ensure an excellent sound broadcasting.

The addressable sounder AVSA is certified with the standards EN 54-3 and EN 54-17.



Main characteristics

- Addressable independent device .
- Loop powered.
- 90 dB (+/- 3 dB) at 1 meter.
- 6 tones selectable.
- Integrated loop isolator.
- Red or white color.
- Lateral hearings
- Volume control.

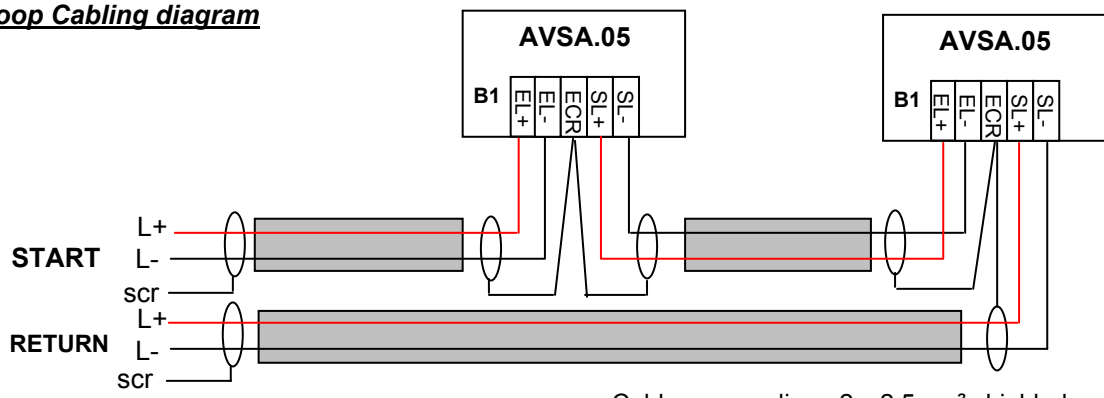
Power supply specification	
Main supply voltage	15Vdc to 26Vdc
Standby consumption	600 µA
Alarm consumption	0.6mA to 11mA (depending on tones)
Cable connection	Max 2,5mm ²
Mechanical characteristics	
Unit weight	200 g
Unit dimensions (in mm)	Diam. 109mm Height. 84mm
Unit colour	White or red
Protection class	IP21C
Material	ABS V0
Climatic characteristics	
Operating temperature	0°C to +50°C
Operating relative humidity	90%
Storage temperature	-10°C to +50°C
Storage relative humidity	85%



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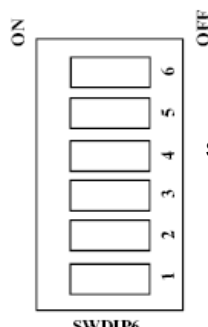
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Loop Cabling diagram



Cable = max. diam. 2 x 2,5mm² shielded

Switches and tones selection



- Isolator (ON= isolator disabled)
- Max. power (ON= activated)
- Sounder test, (ON = activated)

Tones selection

Adjustment P1 Sounder strength setting



Table for tones selection

Sound type and number	Switch position 1/2/3	Supply voltage 15Vcc to 26Vcc					
		Adjustment at minimum value			Adjustment at maximum value		
		Amp.	Watt	dB	Amp.	Watt	dB
N°1, Alternating tones 800/970Hz at 2Hz	off/off/off	2 to 4mA	0.03 to 0.1W	80dB +/- 3bD	4 to 7mA	0.06 to 0.2 W	96dB +/- 3bD
N°2, Sweeping 800/970Hz at 7Hz	On/off/off	2 to 4mA	0.03 to 0.1W	79dB +/- 3bD	6 to 10mA	0.09 to 0.26 W	96dB +/- 3bD
N°3, Sweep 1200/500Hz at 1Hz	Off/on/off	2 to 4mA	0.03 to 0.1W	80dB +/- 3bD	5 to 9mA	0.075 to 0.24 W	98dB +/- 3bD
N°4, Continuous at 970Hz	On/on/off	2 to 4mA	0.03 to 0.1W	81dB +/- 3bD	3 to 5mA	0.045 to 0.13 W	94dB +/- 3bD
N°5, Intermittent 660Hz for 6.5s on / 13s off	Off/off/on	1 to 2mA	0.015 to 0.05W	78dB +/- 3bD	3 to 4mA	0.045 to 0.1 W	97dB +/- 3bD
N°6, Continuous at 4KHz	On/off/on	4 to 7mA	0.06 to 0.2W	83dB +/- 3bD	6 to 11mA	0.09 to 0.3 W	91dB +/- 3bD

REFERENCE
AVSA.05/W
AVSA.05/R

DESCRIPTION
Addressable high powered piezoelectric sounder for indoor use, white colour
Addressable high powered piezoelectric sounder for indoor use, red colour

