

Sounder Roshni-LP

Electronic Sounder for use in fire detection systems. The sounder consists of an impact resistant housing and sealed electronic inside. The base is designed for surface mounting and equipped with a bayonet fixing. If the cable-inlet has to be done from the side, the surface mounting adapter (deep base) is required. There are 26 different sound-types available, incl. DIN-tone (according to DIN 33404), by setting the DIL-switch. The sounder is equipped with an adjustable output.

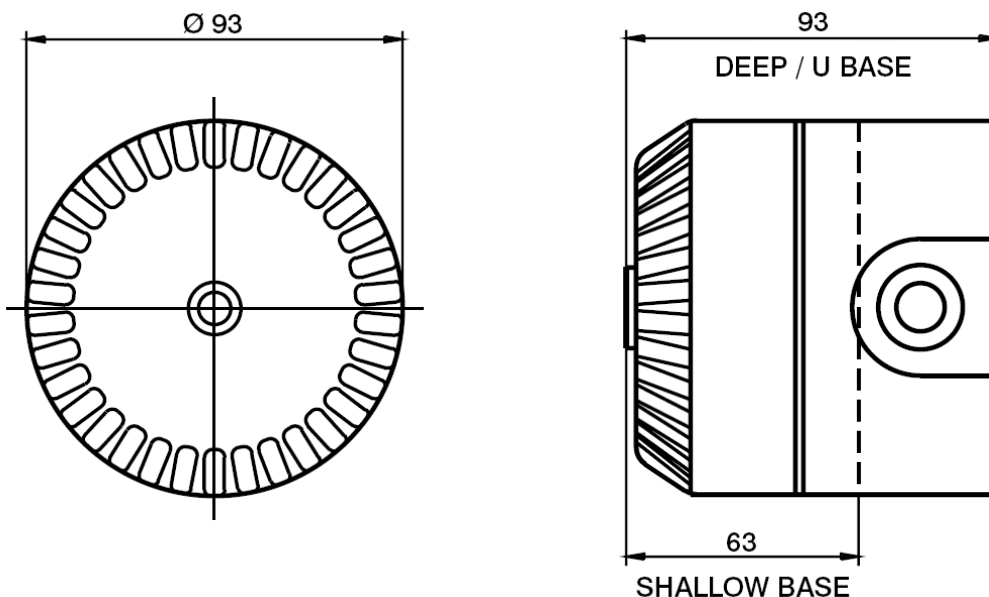
Technical Data

Operating Voltage:	Roshni LP 9 - 28 V DC
Nominal Current:	16 mA @ 24V DC
Output:	102 dB(A) @ 24V DC
Cable Size:	max. 2,5 mm ²
Operating Temperature Range:	-25°C ... +70°C
Type of Protection:	IP 54 (IP 65)
Material:	ABS 30, red RAL 3001
Weight:	240 g
VdS- Approval:	G 206019
CE- Conformity RL 89/106/EWG:	0832-CPD-0128



Order details

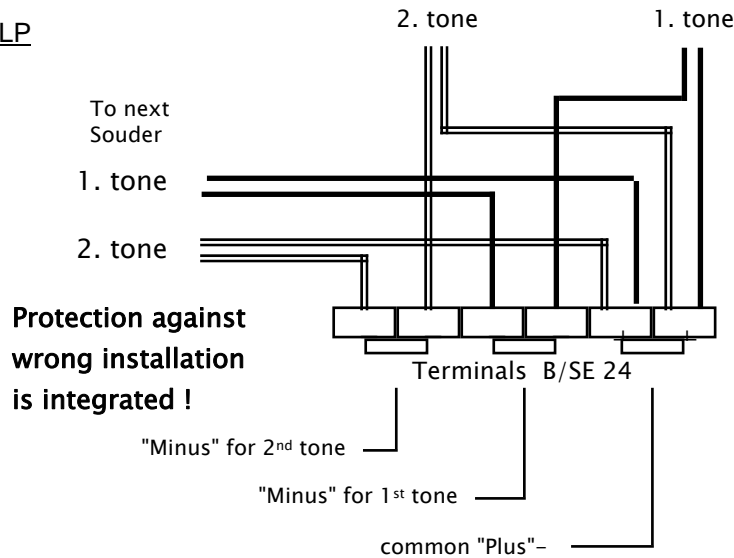
Description	Part-No	Remarks
Sounder Roshni-LP	K0 245 540 7	c/w shallow base
Deep base Roshni	K0 245 542 6	Spare deep base



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Electrical Wiring

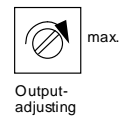
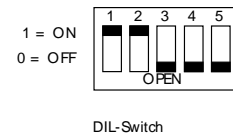
Connection Roshni-LP



Setting of Sound and Output

For VdS-Applications, only the sound-types 3, 5 and 8 are permitted.
Only the 1st tone is programmable.
The 2nd tone can be triggered separately.

Example: DIN-tone No.8



No.	Sound-type	Frequency/Modulation	2 nd tone	Code	Nominal Current		Output (1m)	
					12 V	24 V	12 V	24 V
3	Increasing and descending tone	800/970 (Hz) 1 Hz	14	11101	8 mA	18 mA	103 dB	105 dB
4	Continuous tone	2850 (Hz)	14	11100	14 mA	29 mA	110 dB	116 dB
5	Increasing and descending tone	2400-2850 (Hz) 7 Hz	4	11011	10 mA	23 mA	104 dB	114 dB
8	Increasing and descending tone *	1200-500 (Hz) 1 Hz	14	11000	8 mA	16 mA	95 dB	103 dB
14	Continuous tone	970 Hz	14	10010	9 mA	20 mA	99 dB	107 dB

* = DIN-tone