

Acoustic device, 24V, continuous or pulsed tone



Part no. SL7-AP24
Catalog No. 171281
Alternate Catalog No. SL7-AP24
EL-Nummer 4137629
(Norway)

Delivery program

Product range			SL signal towers
Basic function			Acoustic module
Degree of Protection			IP66
Rated operational voltage	U _e	V	24 V AC/DC
Rated operational current	I _e	mA	92
Description			Continuous tone or pulsed tone, adjustable with internal dip switches. Sound pressure 100 db, adjustable with internal potentiometer. f = 2800 Hz Place only at the highest position on a pole
Connection to SmartWire-DT			no

Technical data

Standards			IEC/EN 60947-5-1
Climatic proofing			Damp heat, cyclic, to IEC 60068-2-30
Mounting position			As required
Mechanical shock resistance		g	> 15 according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal
IEC degree of protection			IP66 IEC/EN 60529
Protection type UL			Type 4, 4X, 13
Material			Enclosure: Polycarbonate (PC), black Cap: Polycarbonate (PC)
Ambient temperature		°C	-30 - +60
Weight		g	102

Contacts

Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	U _i	V	250
Overvoltage category/pollution degree			III/3

modules

Leakage current		A	< 0.003																												
Type of tone			Continuous or pulsed tone																												
Types of sound			2 versions, table of sound types																												
Sound setting			Internal; 1 pole DIP																												
Table of sound types			<table><tr><th colspan="7">Table of sound types</th></tr><tr><th>Sound type</th><th>DIP switch settings</th><th>Frequency Hz</th><th>Diagram</th><th>Repeat rate</th><th>Special application</th><th>Max. volume</th></tr><tr><td>SL7-AP... Continuous tone</td><td></td><td>approx. 2800 Hz</td><td></td><td>-</td><td>-</td><td>100 dB</td></tr><tr><td>Pulsed tone</td><td></td><td>approx. 2800 Hz</td><td></td><td>approx. 2 Hz</td><td>-</td><td>100 dB</td></tr></table>	Table of sound types							Sound type	DIP switch settings	Frequency Hz	Diagram	Repeat rate	Special application	Max. volume	SL7-AP... Continuous tone		approx. 2800 Hz		-	-	100 dB	Pulsed tone		approx. 2800 Hz		approx. 2 Hz	-	100 dB
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Sound pressure		dB	100																												

Sound pressure level adjustment			Built-in, potentiometer
Sound_pressure_can_be_lowered_to_a_minimum_of			88 dB
Transmission angle			360°
Current-/power consumption			
at 24 V AC/DC		A	0.092
Voltage range			24 V AC/DC ± 10 %

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-30
Operating ambient temperature max.		°C	60

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Acoustic module for signal tower (EC001261)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Signal column element, acoustic (ecl@ss10.0.1-27-37-12-37 [AKF055014])			
Function			Continuous tone/pulse tone
Outer diameter		mm	73
Colour			Black
Operating voltage at AC 50 Hz		V	24 - 24
Operating voltage at AC 60 Hz		V	24 - 24
Operating voltage at DC		V	24 - 24
Voltage type			AC/DC
Tone adjustable			Yes
Degree of protection (IP)			IP66
Degree of protection (NEMA)			13
Loudness		dB	100