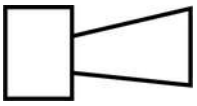


Acoustic device, 24V, multi-tone

Part no. SL7-AP24-M
Article no. 171287
Catalog No. SL7-AP24-M

Delivery programme

Product range			SL7 signal towers
Basic function			Acoustic module
Protection type			IP66
Rated operational voltage	U_e	V	24 V AC/DC
Rated operational current	I_e	mA	115
Description			Multi-tone; 8 tones, adjustable with internal dip switch. Sound pressure 100 db, adjustable with internal potentiometer. f = 500 - 2700 Hz Place only at the highest position on a pole
Colour			
			
Function			
			
Connection to SmartWire-DT			no

Approvals

Product Standards	IEC/EN 60947-5-1; UL 508; CSA-C22.2 No. 14-10; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	UL report applies to both US and Canada
CSA Class No.	NKCR7
North America Certification	UL listed, certified by UL for use in Canada
Degree of Protection	UL Type 4, 4X, 13

General

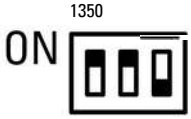
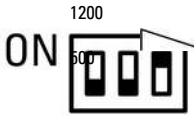
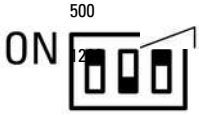
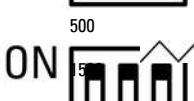
Standards			IEC/EN 60947-5-1
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60069-2-30
Mounting position			As required
Mechanical shock resistance		g	> 15 according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal
IEC degree of protection			IP66 IEC/EN 60529
Protection 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 8 types of sound
Types of sound			8 versions, table of sound types
Sound setting			Internal; 3 pole DIP
Table of sound types			**Table of sound types**

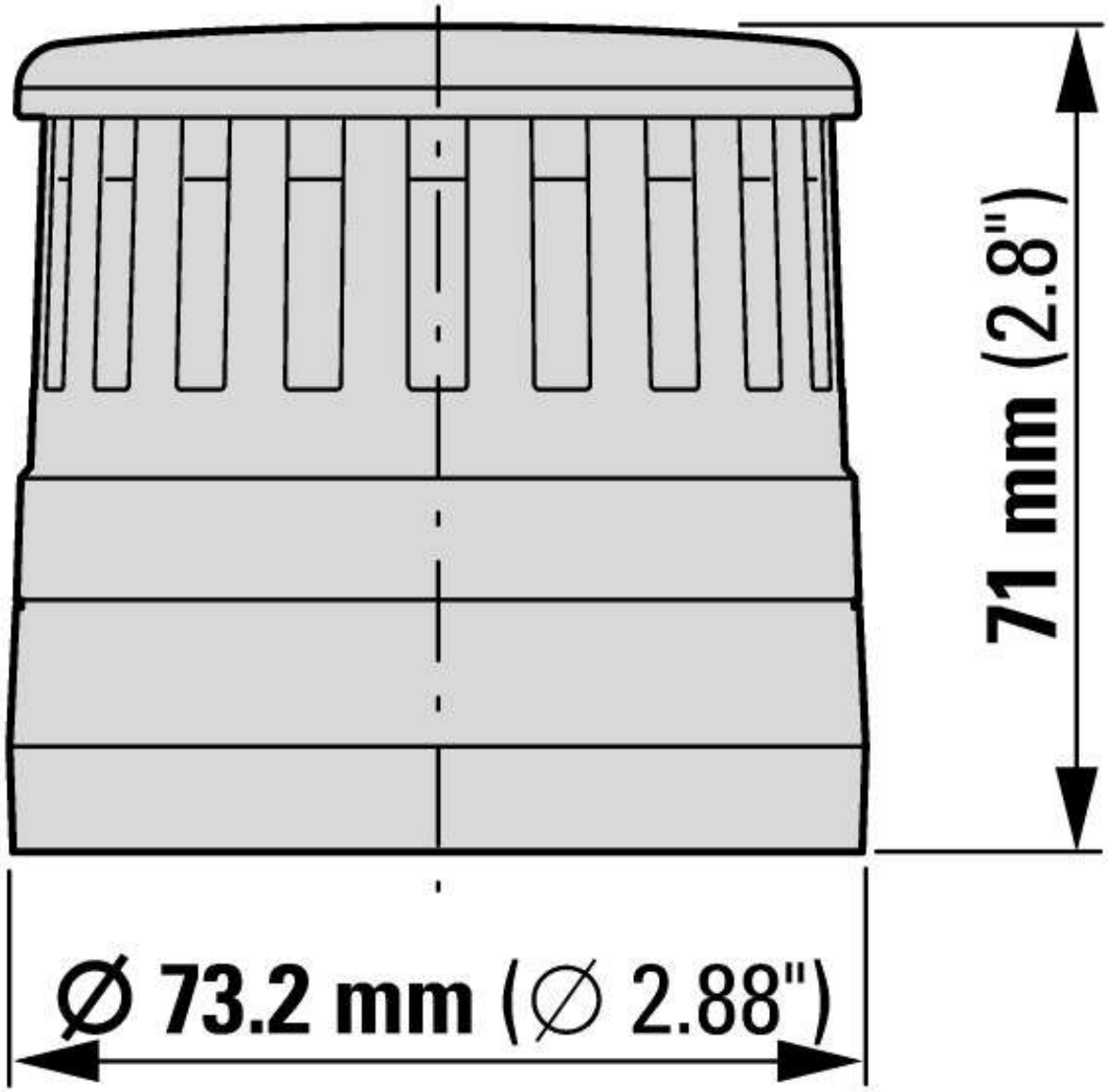
	Sound type	DIP switch settings	Frequency	Diagram	Repeat rate	Special application	Max. volume
			Hz				dB
SL7-AP…-M	Continuous tone		2700		-	-	100
	Continuous tone		1350		-	-	100
	Pulsed tone		2700		250 ms on, 250 ms off	-	100
	Pulsed tone		1350		250 ms on, 250 ms off	-	100
	falling		1200 600		1 Hz	Evacuation Germany, DIN3304-3	88
	Rising		500 2		Rising 3 s, 0.5 s off	Netherlands NEN 2575:2000	88
	Alternating		800 1000		2 Hz		94
	rising/ falling		500 5		10 Hz		94

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			
24 V AC/DC		A	0.115
Voltage levels			24 V AC/DC ± 10 %

Technical data ETIM 5.0

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@ss8-27-37-12-37 [AKF055010])			
Function			-
Outer diameter		mm	73
Degree of protection (IP)			IP66
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

Dimensions



Additional product information (links)

IL047004ZU SL7 Light Modules, Tone Modules	
IL047004ZU SL7 Light Modules, Tone Modules	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047004ZU2013_02.pdf
IL047004ZU SL7, modules lumineux, modules sonores	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047004ZU2013_02.pdf

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