

**Part no.** SL7-AP120-E  
**Catalog No.** 171285  
**Alternate Catalog No.** SL7-AP120-E  
**EL-Nummer (Norway)** 4137633

### Delivery program

Product range			SL signal towers
Basic function			Acoustic module
Degree of Protection			IP66
Rated operational voltage	$U_e$	V	110/120 V AC
Rated operational current	$I_e$	mA	41
Description			Continuous tone or pulsed tone, external actuation. Assigned two inputs (2 modules). 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

#### General

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			can be externally actuated																				
Table of sound types			<p><b>Table of sound types</b></p> <table border="1"> <thead> <tr> <th>Sound type</th> <th>Frequency Diagram</th> <th>Repeat rate</th> <th>Special application</th> <th>Max. volume</th> </tr> <tr> <td></td> <td>Hz</td> <td></td> <td></td> <td>dB</td> </tr> </thead> <tbody> <tr> <td>SL7-AP...-E</td> <td>Continuous tone</td> <td>approx. 2800</td> <td>-</td> <td>100</td> </tr> <tr> <td></td> <td>Pulsed tone</td> <td>approx. 2800</td> <td>approx. 2 Hz</td> <td>100</td> </tr> </tbody> </table>	Sound type	Frequency Diagram	Repeat rate	Special application	Max. volume		Hz			dB	SL7-AP...-E	Continuous tone	approx. 2800	-	100		Pulsed tone	approx. 2800	approx. 2 Hz	100
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SL7-AP...-E	Continuous tone	approx. 2800	-	100																			
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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 110 /120 V AC		A	0.041																				

Voltage range		110/120 V AC ± 10 %
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## 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	110 - 120
Operating voltage at AC 60 Hz	V	110 - 120
Operating voltage at DC	V	0 - 0
Voltage type		AC
Tone adjustable		Yes
Degree of protection (IP)		IP66
Degree of protection (NEMA)		13
Loudness	dB	100