



171288
SL7-AP120-M

Overview

Specifications

Resources



Delivery program

Technical data

Design verification as
per IEC/EN 61439

Technical data ETIM 7.0

Approvals

Dimensions

DELIVERY PROGRAM

Product range
SL signal towers

Basic function
Acoustic module

Degree of Protection
IP66

Rated operational voltage [U_e]
110/120 V AC V

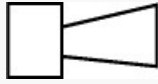
Rated operational current [I_e]
max. 45 mA

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

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
> 15
according to IEC 60068-2-27
Shock duration 11 ms
Sinusoidal g

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
-30 - +60 °C

Weight
102 g

Contacts

Rated impulse withstand voltage [U_{imp}]
4000 V AC

Rated insulation voltage [U_i]
250 V

Overvoltage category/pollution degree
III/3

modules

Leakage current
< 0.003 A

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	ON 	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 - 500		1 Hz	Evacuation, Germany, DIN3304-3	98
	Rising		500 - 1200		Rising 3 s, 0.5 s off	Netherlands NEN 2575:2000	98
	Alternating		800 - 1000		2 Hz		94
	rising/falling		500 - 1500		10 Hz		94

Sound pressure
100 dB

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
0.045 A

Voltage range
110/120 V AC ± 10 %

DESIGN VERIFICATION AS PER IEC/EN 61439

Operating ambient temperature min.
-30 °C

Operating ambient temperature max.
+60 °C

TECHNICAL DATA ETIM 7.0

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 (ec1@ss10.0.1-27-37-12-37 [AKF055014])

Function
Other

Outer diameter
73 mm

Colour
Black

Operating voltage at AC 50 Hz
110 - 120 V

Operating voltage at AC 60 Hz
110 - 120 V

Operating voltage at DC
0 - 0 V

Voltage type
AC

Tone adjustable
Yes

Degree of protection (IP)
IP66

Degree of protection (NEMA)
4X

Loudness
100 dB

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

DIMENSIONS

