



171281
SL7-AP24

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]
24 V AC/DC V

Rated operational current [I_e]
max. 92 mA

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

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

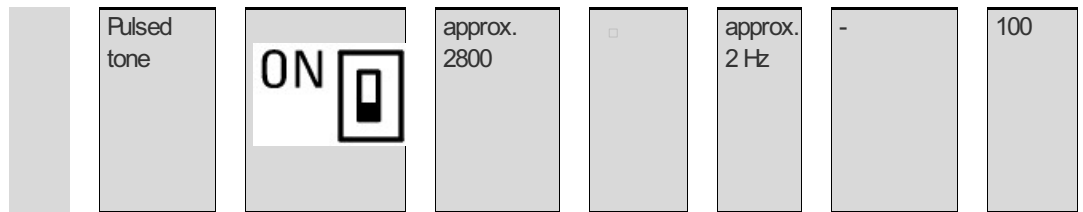
Types of sound
2 versions, table of sound types

Sound setting
Internal; 1 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...	Continuous tone	ON 	approx. 2800		-	-	100



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 24 V AC/DC
0.092 A

Voltage range
24 V AC/DC ± 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 (ecl@ss10.0.1-27-37-12-37 [AKF055014])

Function
Continuous tone/pulse tone

Outer diameter
73 mm

Colour
Black

Operating voltage at AC 50 Hz
24 - 24 V

Operating voltage at AC 60 Hz
24 - 24 V

Operating voltage at DC
24 - 24 V

Voltage type
AC/DC

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



