



**171289**  
**SL7-AP230-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 [ $U_e$ ]  
230/240 V AC V

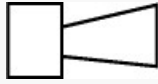
Rated operational current [ $I_e$ ]  
max. 43 mA

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		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 230 /240V AC  
0.043 A

Voltage range  
230/240 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  
230 - 240 V

Operating voltage at AC 60 Hz  
230 - 240 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

