

Acoustic element - PSD-S AE SM2-7 105DB/1 - 2702998

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Siren element, 24 V AC/DC, max. 105 db(A), continuous tone and alternating continuous tone

Product Description

This audible signal element is designed as a component of a modular signal tower.

According to your requirements, a signal tower may comprise any combination of up to five signal elements. You may use up to five optical signal elements or up to four optical and one audible signal element.

Only use an audible signal element as the top element.

A bayonet locking system establishes the mechanical and electrical connection between the elements.

Connection elements with spring-cage or screw connection can be used for electrical connection of the signal tower.

Mounting elements for base or tube mounting can be used to mount the signal tower.

Please note that PSD-S 50 signal towers (50 mm diameter) are not mechanically compatible with PSD-S signal towers (70 mm diameter).

Your advantages

- ✓ Multi-tone siren signaling depending on the situation
- ✓ Two tone functions can be selected via DIP switches
- ✓ Adjustable volume
- ✓ Min. volume of 95 dB(A)



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 492070
GTIN	4055626492070

Technical data

Dimensions

Diameter	70 mm
Height	54 mm

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Degree of protection	IP65, when installed

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Technical data

General

Material	Polycarbonate PC
Color	black
Weight	80 g
Mounting position	any

Electrical data

Input voltage	24 V AC/DC $\pm 10\%$
Nominal input voltage range	21.6 V AC/DC ... 26.4 V AC/DC
Maximum inrush current	max. 100 mA
Current consumption	40 mA
Service life, electrical	min. 5,000 h
Operating time	100 %
Type of acoustic signal	Continuous tone
	Alternating continuous tone
Tone frequency	approx. 3 kHz
Volume	max. 105 dB

Approvals / conformities

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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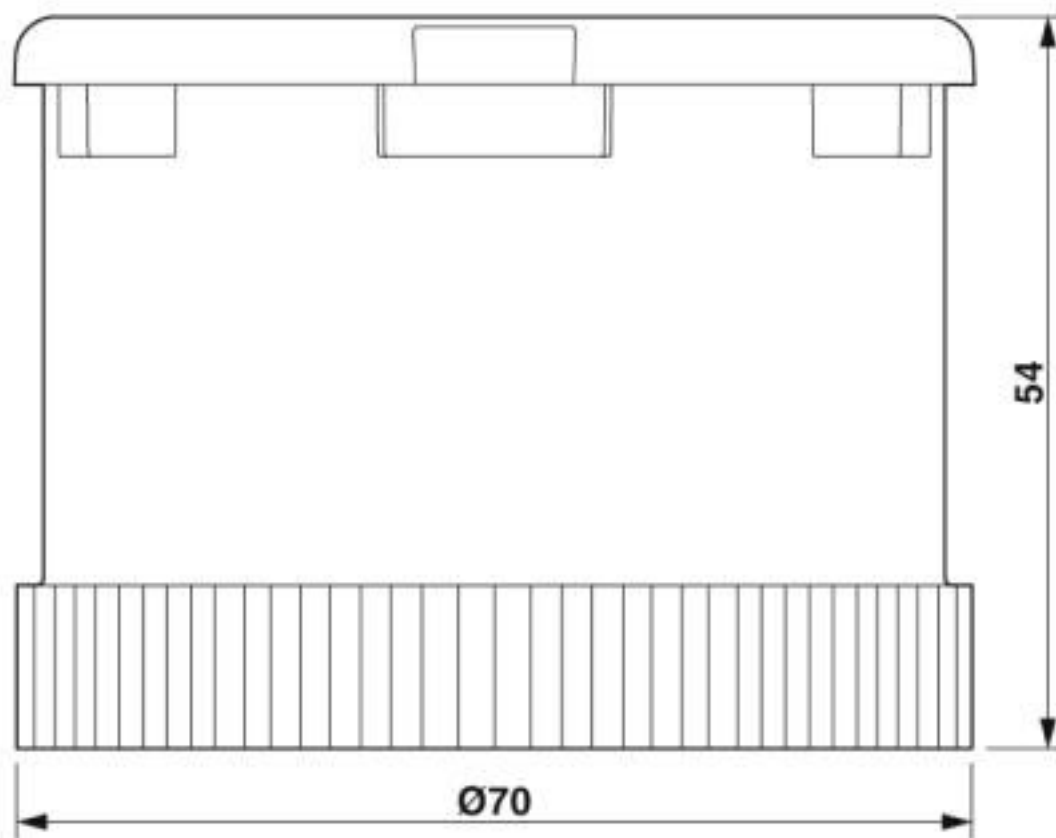
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Acoustic element - PSD-S AE SM2-7 105DB/1 - 2702998

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27371214
eCl@ss 4.0	27240208
eCl@ss 4.1	27240208
eCl@ss 5.0	27371200
eCl@ss 5.1	27371214
eCl@ss 6.0	27371200
eCl@ss 7.0	27371214
eCl@ss 8.0	27371214
eCl@ss 9.0	27371214

ETIM

ETIM 3.0	EC001026
ETIM 4.0	EC001026
ETIM 5.0	EC001261
ETIM 6.0	EC001026
ETIM 7.0	EC001026

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Classifications

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	39121311

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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EAC		RU *- DE.A*30.B.00237
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cULus Listed	
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