

Acoustic element - PSD-S AE SM8-6 102DB/1 - 2702997

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Siren element, 8 tones, 24 V AC/DC, max. 102 dB(A), tones selectable by DIP switch, black

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

Your advantages

- ✓ Multi-tone siren signaling depending on the situation
- ✓ Eight tone functions can be set via DIP switches
- ✓ Adjustable volume
- ✓ Min. volume of 92 dB(A)
- ✓ Continuous tone with periodically increasing tone frequency (sweep: 1 kHz to 3.5 kHz)



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 492063
GTIN	4055626492063
Weight per Piece (excluding packing)	92.400 g
Weight per piece (including packing)	92.400 g
Custom tariff number	85318070
Country of origin	Germany

Technical data

Dimensions

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Technical data

Dimensions

Diameter	70 mm
Height	54 mm

Ambient conditions

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

General

Material	Polycarbonate PC
Color	black
Weight	80 g
Mounting position	any

Electrical data

Input voltage	24 V AC/DC ±10 %
Nominal input voltage range	21.6 V AC/DC ... 26.4 V AC/DC
Maximum inrush current	max. 250 mA
Current consumption	30 mA
Service life electrical	min. 5,000 h
Operating time	100 %
Type of acoustic signal	8 tones, adjustable volume
Signal frequency	approx. 20 Hz (Trill tone)
	approx. 420 Hz (Hum tone)
	approx. 3.5 kHz (Continuous tone with periodically increasing tone frequency (sweep: 1 kHz to 3.5 kHz))
Tone frequency	approx. 2.8 kHz
Volume	max. 102 dB (Continuous and pulse tone at 2.8 kHz)

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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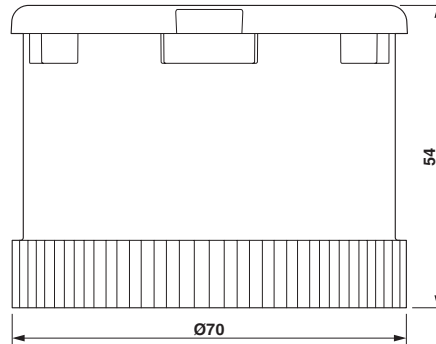
Environmental Product Compliance

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

Drawings

Acoustic element - PSD-S AE SM8-6 102DB/1 - 2702997

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27371214
eCl@ss 11.0	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 9.0	27371214

ETIM

ETIM 3.0	EC001026
ETIM 4.0	EC001026
ETIM 6.0	EC001026
ETIM 7.0	EC001026

UNSPSC

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

Approvals

Approvals

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UL Listed / cUL Listed / EAC / cULus Listed


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Approvals

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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