

# PSD-S AE SM8-5 100DB/1 - Acoustic element



2700138

<https://www.phoenixcontact.com/us/products/2700138>

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Siren element, 8 tones, 24 V AC/DC, max. 100 dB(A), tones can be selected via the DIP switch, black

## Your advantages

- Minimum volume of 78 dB(A)
- Multi-tone siren signaling depending on the situation
- Eight tone functions can be set via DIP switches
- Adjustable volume

## Commercial data

Item number	2700138
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR07
Product key	DRL113
Catalog page	Page 503 (C-6-2017)
GTIN	4046356491303
Weight per piece (including packing)	96.1 g
Weight per piece (excluding packing)	96 g
Customs tariff number	85318070
Country of origin	DE

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## Technical data

### Product properties

Product type	Acoustic element
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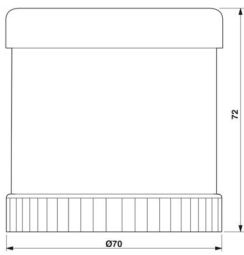
### Electrical properties

Maximum power dissipation for nominal condition	1.92 W
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#### General

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. 500 mA
Current consumption	80 mA
Operating time	100 %
Service life electrical	min. 5,000 h
Type of acoustic signal	8 tones, adjustable volume
Signal frequency	approx. 1 Hz (Pulse tone)
	approx. 20 Hz (Trill tone)
	approx. 420 Hz (Hum tone)
Tone frequency	approx. 1.6 kHz
	approx. 3.4 kHz
Volume	max. 100 (for continuous and pulse tone of 3.4 kHz)

### Dimensions

Dimensional drawing	
Height	72 mm
Diameter	70 mm

### Material specifications

Color	black
Material	Polycarbonate PC

### Environmental and real-life conditions

#### Ambient conditions

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

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## EMC data

Electromagnetic compatibility

Conformance with EMC Directive 2014/30/EU

## Mounting

Mounting position

any

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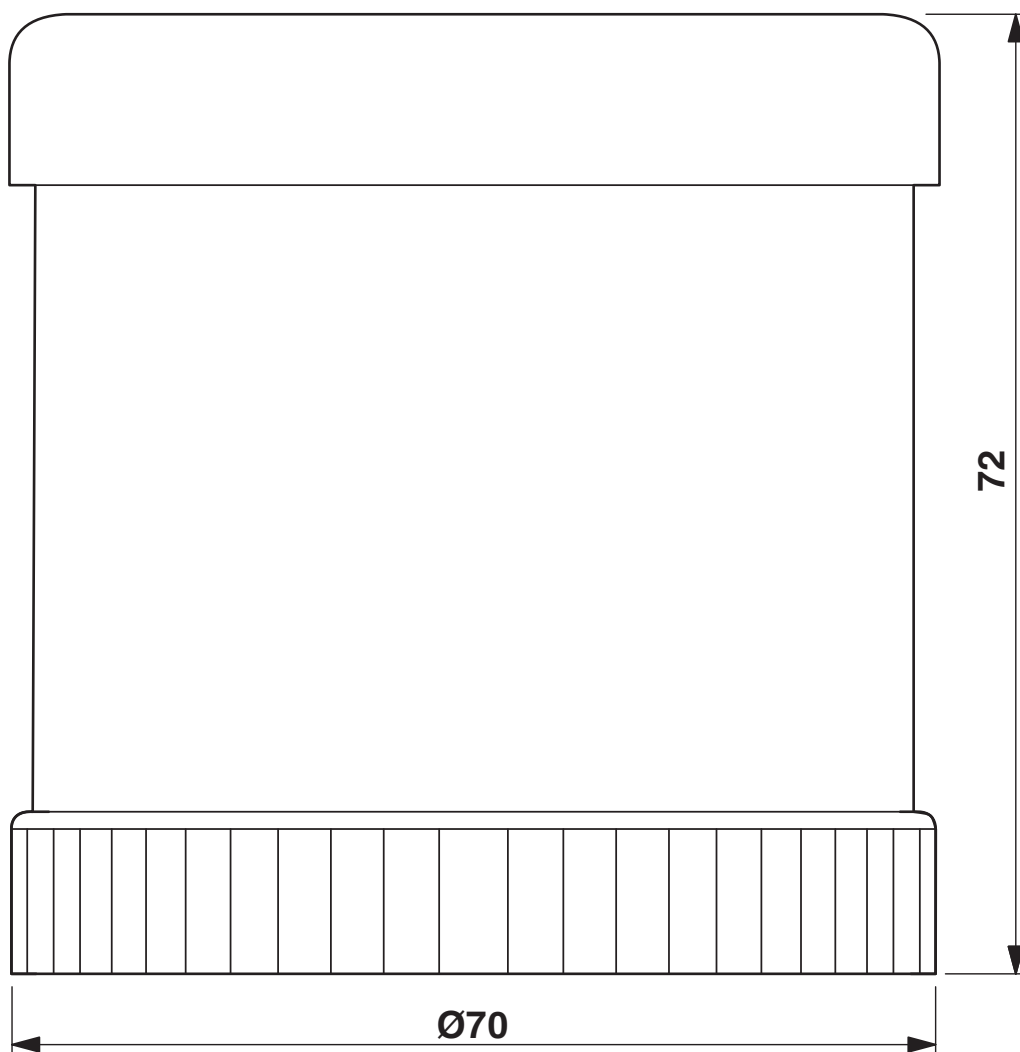


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## Drawings

Dimensional drawing



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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)