

# PSD-S 50 AE SM8-1 95DB/1 - Acoustic element



1018874

<https://www.phoenixcontact.com/us/products/1018874>

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Siren element, 8 tones, 24 V AC/DC, max. 95 dB, 8 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 are available for the installation of 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

- The volume can be set via potentiometer
- Tone function can be set via DIP switches
- Degree of protection: IP65, when mounted

## Commercial data

Item number	1018874
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL113
GTIN	4055626504421
Weight per piece (including packing)	40.8 g
Weight per piece (excluding packing)	40 g
Customs tariff number	85318070
Country of origin	AT

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Signal element
Product family	PSD-S 50

### Electrical properties

#### General

Input voltage	24 V DC
Nominal input voltage range	16 V DC ... 26 V DC
Maximum inrush current	max. 250 mA
Current consumption	max. 35 mA
Service life electrical	min. 5,000 h
Type of acoustic signal	8 tones, adjustable volume
Tone frequency	max. 3.9 kHz
Number of tones	8 (volume can be adjusted manually)
Volume	95 dB

### Dimensions

Dimensional drawing	
Height	54 mm
Diameter	50 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 ... 60 °C

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## Mounting

Mounting type	Plug-in mounting
Mounting position	any

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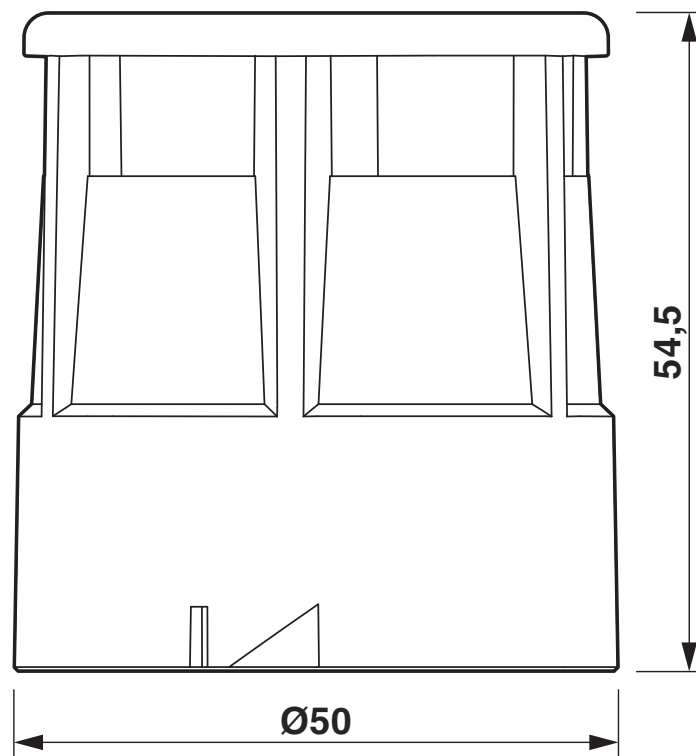
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## Drawings

Dimensional drawing



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## Approvals

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**cULus Listed**

Approval ID: E140324

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## Classifications

### ECLASS

ECLASS-13.0	27371237
ECLASS-15.0	27371237

### ETIM

ETIM 10.0	EC001261
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### UNSPSC

UNSPSC 21.0	46171600
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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-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	2.997 kg CO2e
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