

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 |
|---------------------|-------------------------|

Product properties

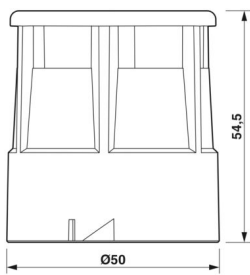
| | |
|----------------|----------------|
| Product type | Signal element |
| Product family | PSD-S 50 |

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 |
| Color (Housing) | black (RAL 9005) |
| Material | Polycarbonate PC |

Environmental and real-life conditions

Ambient conditions

| | |
|----------------------|-----------------------|
| Degree of protection | IP65 (when installed) |
|----------------------|-----------------------|

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| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -30 °C ... 60 °C |
|---------------------------------|------------------|

Mounting

| | |
|-------------------|------------------|
| Mounting type | Plug-in mounting |
| Mounting position | any |

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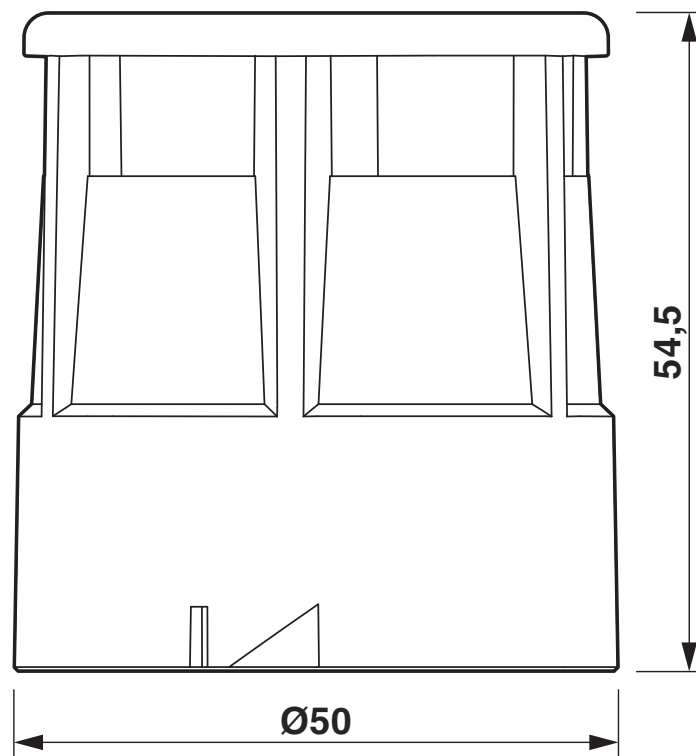
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Drawings

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 |
|-----------|----------|

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 2.997 kg CO2e |
|---------|---------------|

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