

PSD-S AE SP1-3 100DB/2 - Acoustic element



2700137

<https://www.phoenixcontact.com/us/products/2700137>

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Siren element, pulse tone, 24 V DC, self-regulating volume, max. 100 dB(A), 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

- Automatic volume adjustment to the environment
- High volume ensures optimum awareness
- Degree of protection: IP65, when mounted

Commercial data

Item number	2700137
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL113
GTIN	4046356491297
Weight per piece (including packing)	151 g
Weight per piece (excluding packing)	121 g
Customs tariff number	85318070
Country of origin	DE

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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

Electrical properties

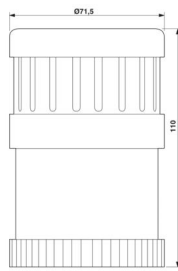
General

Input voltage	24 V DC \pm 10 %
Nominal input voltage range	21.6 V DC ... 26.4 V DC
Maximum inrush current	max. 500 mA
Current consumption	typ. 70 mA
Operating time	100 %
Service life electrical	min. 5,000 h
Type of acoustic signal	Pulse tone
Signal frequency	1 Hz
Tone frequency	2.6 kHz
Number of tones	1 (automatic volume control)
Volume	max. 100 dB
Volume range	80 db(A) ... 100 db(A) (automatic volume control)

Signaling

Number of tones	1 (automatic volume control)
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Dimensions

Dimensional drawing	
Height	110 mm
Diameter	71.5 mm

Material specifications

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

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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65, when installed
Ambient temperature (operation)	-20 °C ... 50 °C

Mounting

Mounting type	Plug-in mounting
Mounting position	any

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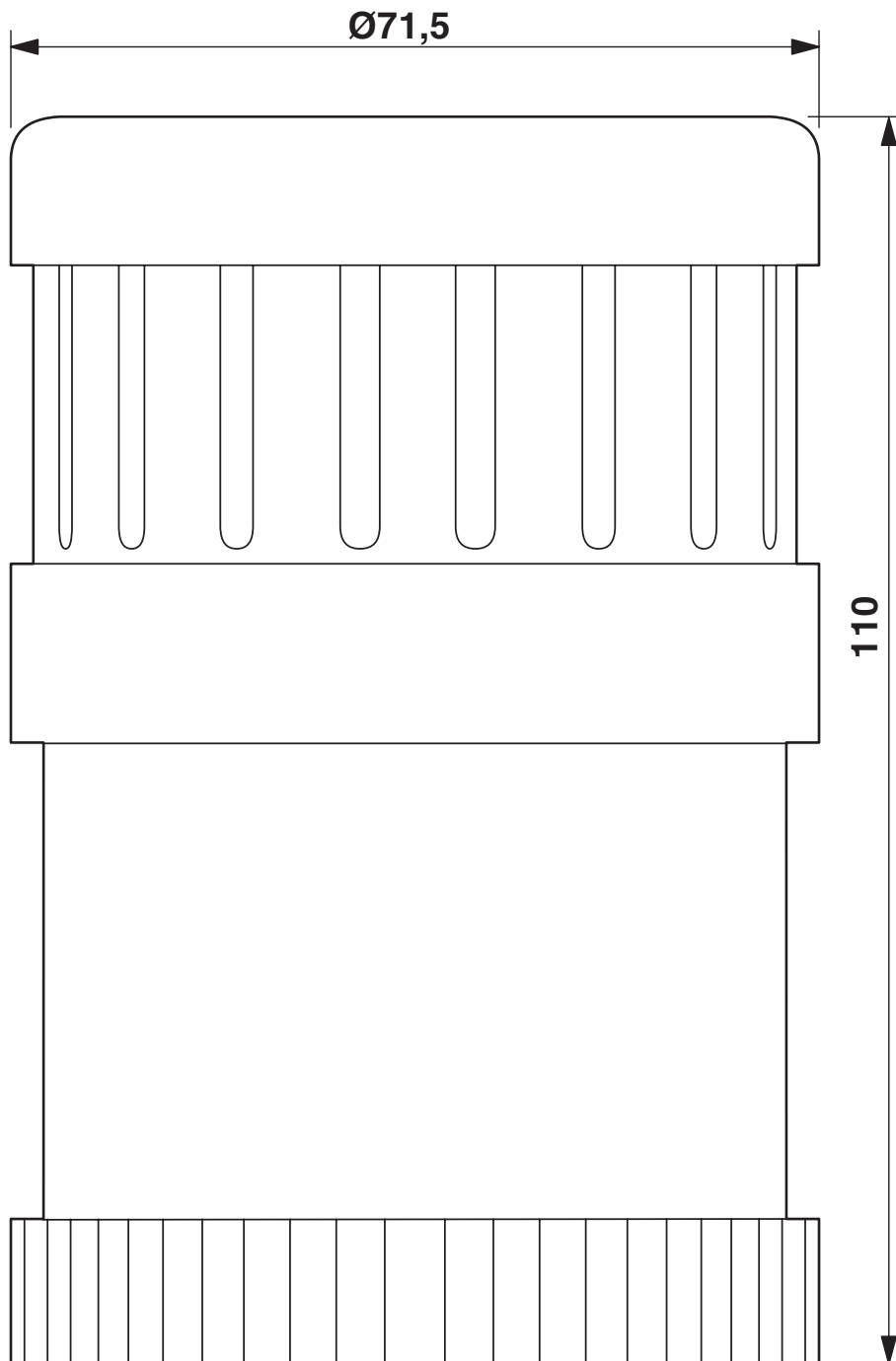


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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2700137>



cULus Listed

Approval ID: E123528

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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	6(a), 6(a)-I, 7(a), 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.)	Lead titanium zirconium oxide(CAS: 12626-81-2)
	Lead(CAS: 7439-92-1)
SCIP	9701b053-e2f3-44ac-a0a6-9a219248cba7

EF3.1 Climate Change

CO2e kg	10.366 kg CO2e
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