

PSD-S AE SM7-4 100DB/3 - Acoustic element



2700141

<https://www.phoenixcontact.com/gb/products/2700141>

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Siren element, 7 tones, 24 V DC, max. 100 dB(A), tone range over 3 signal lines, black



Your advantages

- Multi-tone siren signaling depending on the situation
- Remote control of tone selection via three signal cables
- Adjustable volume
- Minimum volume of 86 dB(A)

Commercial data

Item number	2700141
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRL113
Product key	DRL113
Catalog page	Page 519 (C-6-2019)
GTIN	4046356491334
Weight per piece (including packing)	95.7 g
Weight per piece (excluding packing)	95.7 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

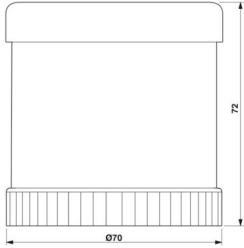
Product type	Acoustic element
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Electrical properties

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. 30 mA
Operating time	100 %
Service life electrical	min. 5,000 h
Type of acoustic signal	Siren
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
Number of tones	7 (Tone selection via 3 signal lines)
Volume	max. 100 dB (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

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Ambient conditions

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

EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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Mounting

Mounting position	any
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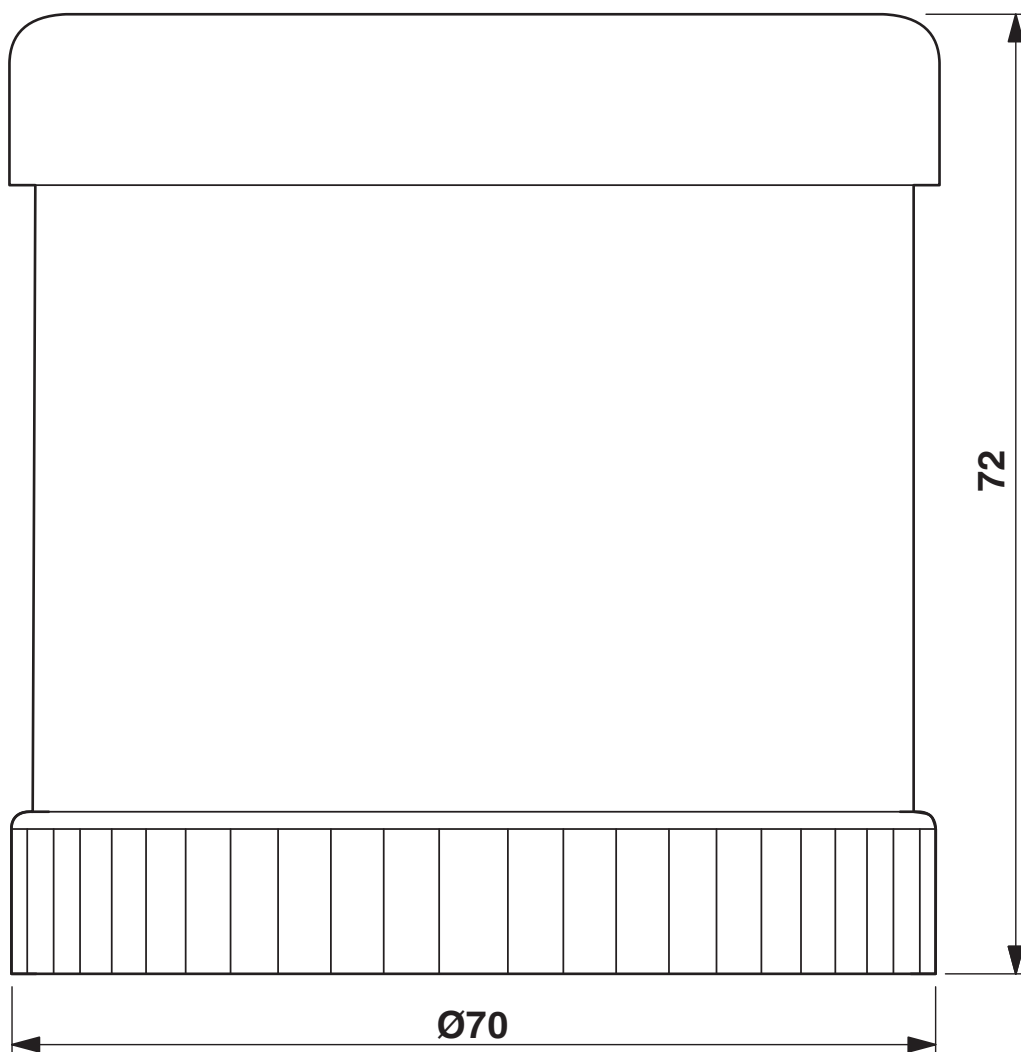


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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2700141>



cULus Listed

Approval ID: E123528

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Classifications

ECLASS

ECLASS-11.0	27371237
ECLASS-12.0	27371237
ECLASS-13.0	27371237

ETIM

ETIM 9.0	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	310962f9-b533-4306-b661-030e5688fa69

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