

2702998
<https://www.phoenixcontact.com/us/products/2702998>

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Siren element, 24 V AC/DC, max. 105 db(A), continuous tone and alternating continuous tone



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 50 signal towers (50 mm diameter) are not mechanically compatible with PSD-S signal towers (70 mm diameter).

Your advantages

- Multi-tone siren signaling depending on the situation
- Two tone functions can be selected via DIP switches
- Adjustable volume
- Min. volume of 95 dB(A)

Commercial data

Item number	2702998
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL113
Catalog page	Page 518 (C-6-2019)
GTIN	4055626492070
Weight per piece (including packing)	87 g
Weight per piece (excluding packing)	87 g
Customs tariff number	85318070
Country of origin	DE

PSD-S AE SM2-7 105DB/1 - Acoustic element



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Technical data

Notes

Note on application	
Note on application	Only for industrial use

Product properties

Product type	Acoustic element
Data management status	
Article revision	00

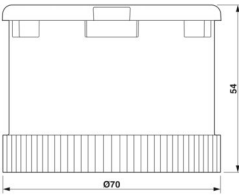
Electrical properties

Maximum power dissipation for nominal condition	0.96 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. 100 mA
Current consumption	40 mA
Operating time	100 %
Service life electrical	min. 5,000 h
Type of acoustic signal	Continuous tone
	Alternating continuous tone
Tone frequency	approx. 3 kHz
Volume	max. 105 dB

Dimensions

Dimensional drawing	
	
Height	54 mm
Diameter	70 mm

Material specifications

Color	black
Material	Polycarbonate PC

Environmental and real-life conditions

Ambient conditions

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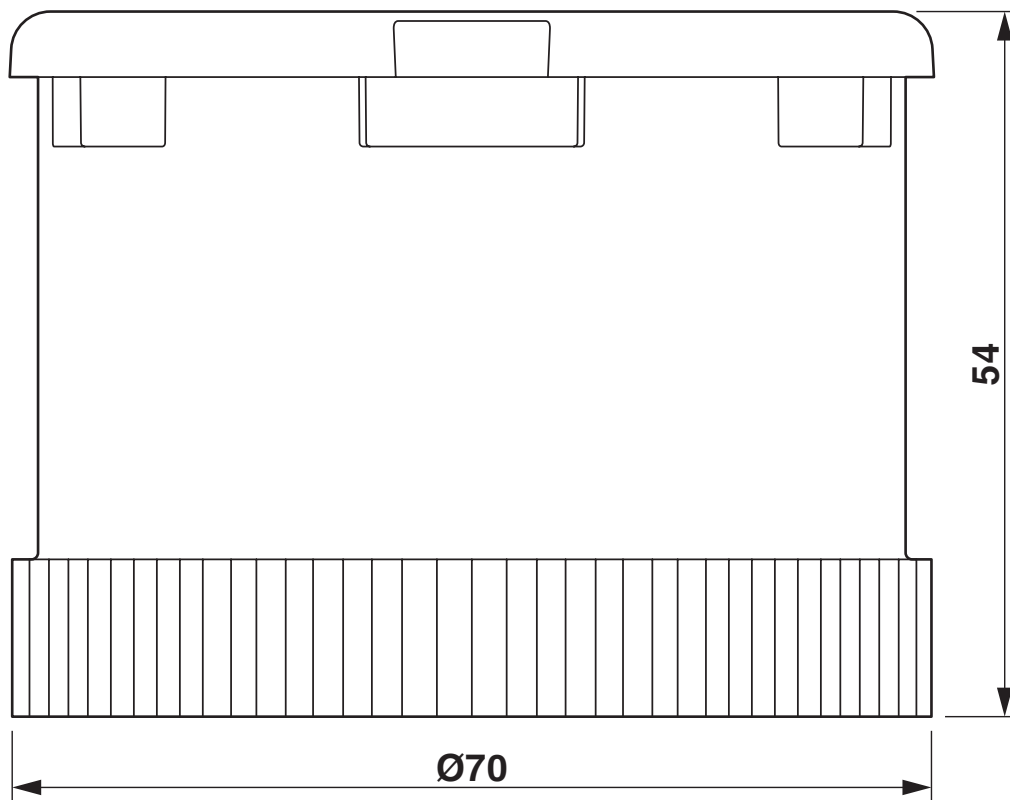


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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702998>



EAC
Approval ID: RU *-DE.A*30.B.00237



UL Listed
Approval ID: E123528



cUL Listed
Approval ID: E123528

cULus Listed

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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	9302a92c-ff4f-41c3-a36c-9515ca2868bc

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