PSD-S AE SM8-6 102DB/1 - Acoustic element

2702997

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Siren element, 8 tones, 24 V AC/DC, max. 102 dB(A), 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 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

- Multi-tone siren signaling depending on the situation
- Eight tone functions can be set via DIP switches
- Adjustable volume
- Degree of protection: IP65, when mounted

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2702997
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL113
GTIN	4055626492063

Weight per piece (including packing)	95 g
Weight per piece (excluding packing)	92.4 g
Customs tariff number	85318070
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Signal element
Product family	PSD-S

Electrical properties

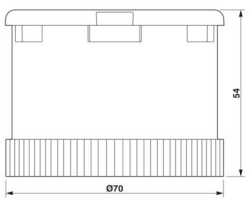
General

Input voltage	24 V AC/DC ±10 %
Nominal input voltage range	21.6 V AC/DC ... 26.4 V AC/DC
Maximum inrush current	max. 250 mA
Current consumption	typ. 30 mA
Operating time	100 %
Service life electrical	min. 5,000 h
Type of acoustic signal	Continuous tone
	Pulse tone
	Rising
Signal frequency	1 Hz (Pulse tone)
	20 Hz (Pulse tone)
	420 Hz (Pulse tone)
Tone frequency	0.9 kHz
	2.8 kHz
Number of tones	8 (Tones can be selected via DIP switch)
Volume	max. 102 dB

Signaling

Number of tones	8 (Tones can be selected via DIP switch)

Dimensions

Dimensional drawing	
Height	54 mm
Diameter	70 mm

Material specifications

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

Environmental and real-life conditions

Ambient conditions

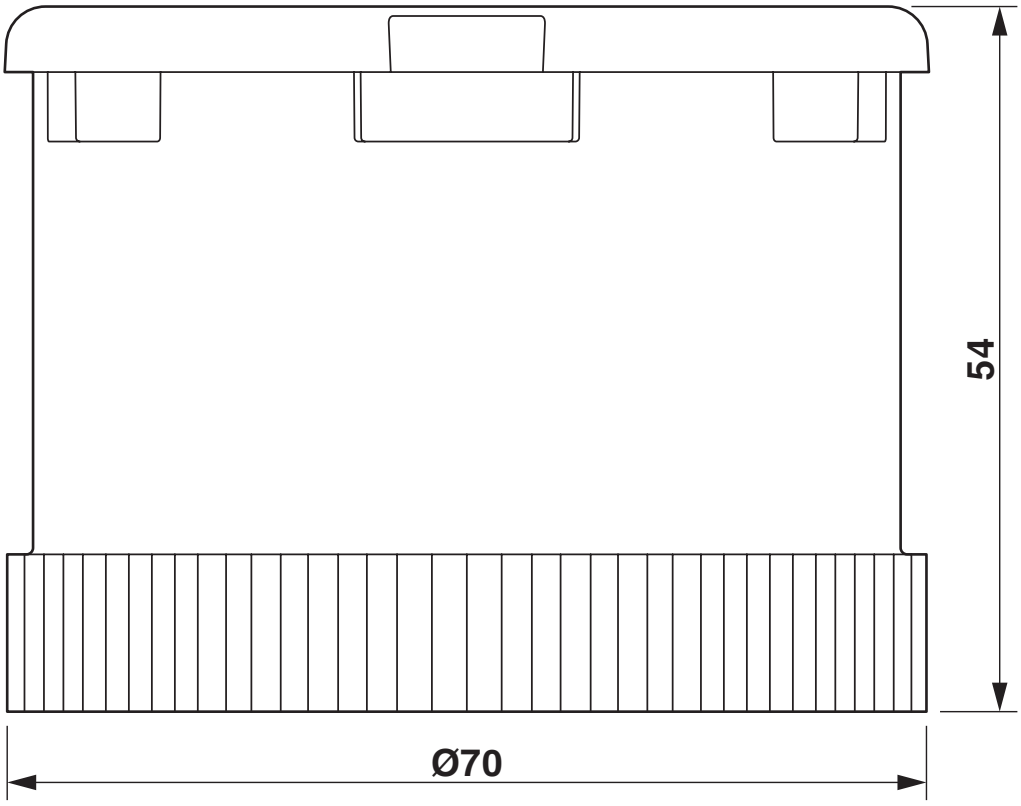
Degree of protection	IP65, when installed
Ambient temperature (operation)	-30 °C ... 50 °C

Mounting

Mounting type	Plug-in mounting
Mounting position	any

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2702997

cULus Listed
Approval ID: E123528

Classifications

ECLASS

ECLASS-13.0	27371237
ECLASS-15.0	27371237

ETIM

ETIM 10.0	EC001261

UNSPSC

UNSPSC 21.0	46171600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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	67746ec7-a9e6-41c1-a443-3ed44bbb3b8b

EF3.1 Climate Change

CO2e kg	4.758 kg CO2e

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