

PSD-S AE V15/1 - Acoustic element



2700140

<https://www.phoenixcontact.com/us/products/2700140>

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Voice output element, 24 V DC, max. 50 mp3 or wav files can be saved, max. 15 files can be controlled, 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

- Multilingual signaling thanks to voice output
- Up to 50 mp3 or wav files can be saved
- The volume can be set via configuration software
- The volume can be set via potentiometer
- The volume can be reduced using up to two control cables
- Maximum volume of 88 dB(A)
- Degree of protection: IP65, when mounted



Commercial data

Item number	2700140
Packing unit	1 pc
Minimum order quantity	1 pc

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Sales key	DR07
Product key	DRL113
GTIN	4046356491327
Weight per piece (including packing)	296 g
Weight per piece (excluding packing)	267.5 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

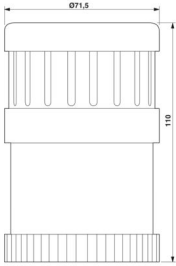
Product type	Signal element
Product family	PSD-S
Scope of supply	USB cable, software for configuring the voice output element, and user manual on the element

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. 3 A (for approximately 2 ms)
Current consumption	typ. 30 mA (in standby mode) max. 400 mA (during playback)
Operating time	100 %
Service life electrical	min. 5,000 h
Type of acoustic signal	Voice output (max. 15 files can be controlled)
Volume	max. 88 dB

Dimensions

Dimensional drawing	
Height	110 mm
Diameter	71.5 mm

Material specifications

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

Environmental and real-life conditions

Ambient conditions

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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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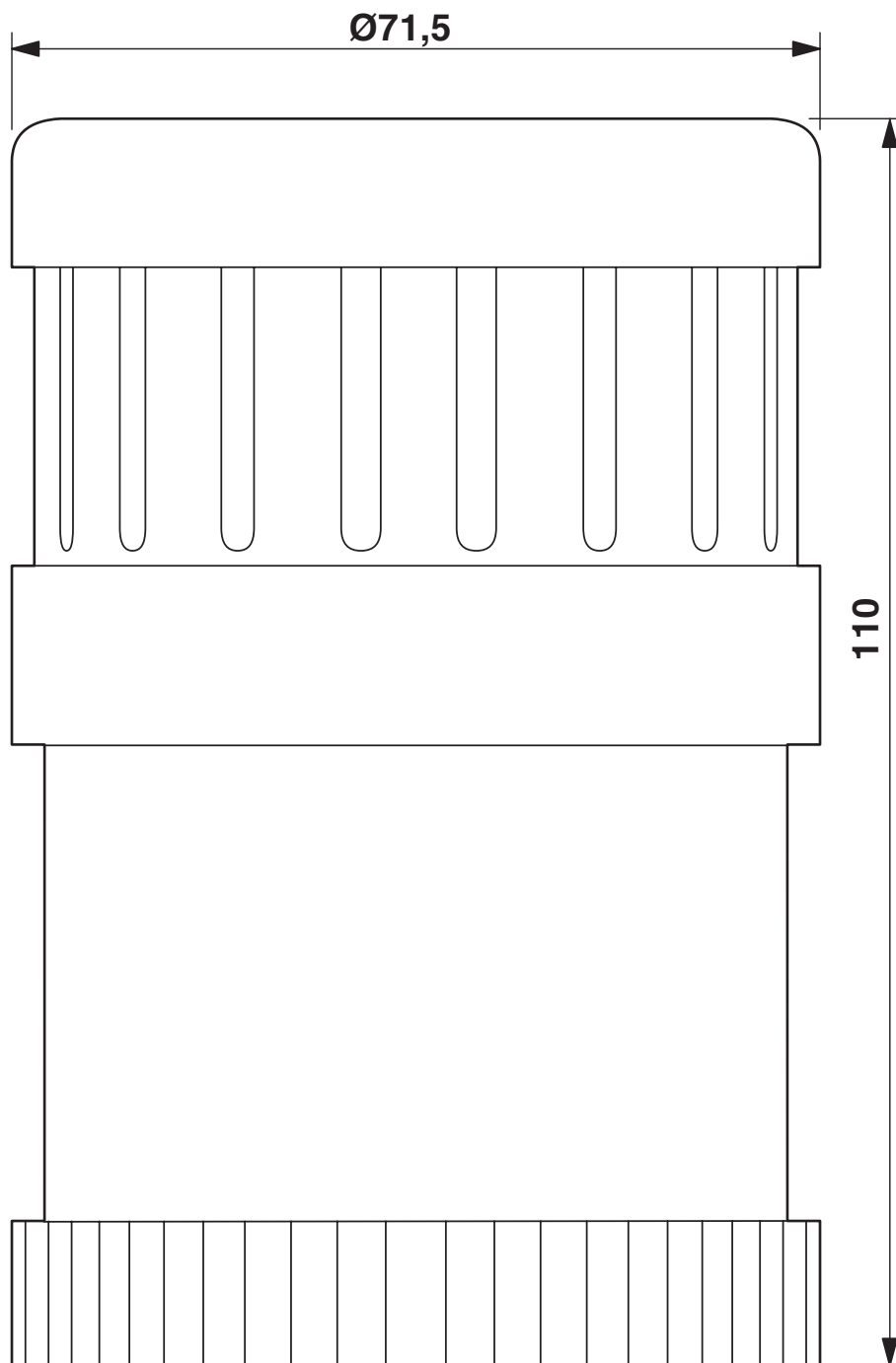
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Drawings

Dimensional drawing



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Approvals

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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(CAS: 7439-92-1)
SCIP	54db03e3-7a10-4bc2-a6c3-b73913072c52

EF3.1 Climate Change

CO2e kg	24.115 kg CO2e
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