

**INDUSTRIAL COMPONENT DATA**

# PSD-S AE SM8-6 102DB/1 2702997 PHOENIX CONTACT

## Acoustic element

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSD-S AE SM8-6 102DB/1



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | PSD-S AE SM8-6 102DB/1           |
| Catalog number  | 2702997                          |
| Category        | Acoustic module for signal tower |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-636478B8EB                    |
| Generated       | 2026-08-03                       |

### Product Overview

Acoustic element

Siren element, 8 tones, 24 V AC/DC, max. 102 dB(A), tones selectable via DIP switch, black

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path **PHOENIX CONTACT > Control Systems (CST)**

### Additional Product Information

Key Commercial Data

Orderkey 2702997

Packing unit 1 pc

GTIN 4055626492063

Weight per Piece (excluding packing) 92.400 g

Custom tariff number 85318070

Country of origin DE (Germany)

Dimensions

Dimensional drawing

Diameter 70 mm

Height 54 mm

Ambient conditions

Ambient temperature (operation) -30 °C ... 50 °C

Degree of protection IP65, when installed

**General**

Material Polycarbonate PC

Color black

Weight 80 g

Mounting position any

**Electrical data**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. 250 mA

Current consumption 30 mA

Service life, electrical min. 5,000 h

Operating time 100 %

Type of acoustic signal 8 tones, adjustable volume

Signal frequency approx. 20 Hz (Trill tone)

approx. 420 Hz (Hum tone)

approx. 3.5 kHz (Continuous tone with periodically increasing tone frequency (sweep: 1 kHz to 3.5 kHz))

Tone frequency approx. 2.8 kHz

Volume max. 102 dB (Continuous and pulse tone at 2.8 kHz)

**Approvals / conformities**

Electromagnetic compatibility Conformance with EMC Directive 2014/30/EU

**Standards and Regulations**

Electromagnetic compatibility Conformance with EMC Directive 2014/30/EU

**Environmental Product Compliance**

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

**Classifications**eCl@ss 4.027240208eCl@ss 4.127240208eCl@ss 5.027371214eCl@ss 5.127371214eCl@ss 6.027371200eCl@ss  
7.027371214eCl@ss 8.027371214eCl@ss 9.027371214

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**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PSD-S AE SM8-6 102DB/1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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