SIEMENS

Data sheet 8WD4450-0EA2



Siren element, multi-tone 102 dB, 8 tones + adjustable volume, black, 230 V AC, diameter 70 mm

product brand name	SIRIUS
product designation	Siren element
General technical data	
product function adjustable acoustic signal	Yes
type of voltage of the operating voltage	AC
operating voltage	
● 1 at AC at 50 Hz rated value	230 V
● 1 at AC at 60 Hz rated value	230 V
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage	-10 %
consumed current maximum	45 mA
tone frequency	
● 1	0.9 kHz
● 2	3.5 kHz
reference code according to EN 61346-2	P
Acoustic signal	
type of acoustic signal	8 tones
service life of acoustic signal device	5 000 h
loudness level	102 dB
loudness level	92 ... 102 dB
tone frequency of alternating tone	0.9 ... 2.8 kHz
Enclosure	
height	54 mm
width	70 mm
outer diameter of the signal column element	70 mm
material	PC
color	black
fastening method	Bayonet
protection class IP	IP65
Ambient conditions	
ambient temperature during operation	-20 ... +50 °C
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Siemens eco profile (SEP)	Siemens EcoTech
Approvals Certificates	
General Product Approval	**other**

Subject to change without notice
© Copyright Siemens

Confirmation

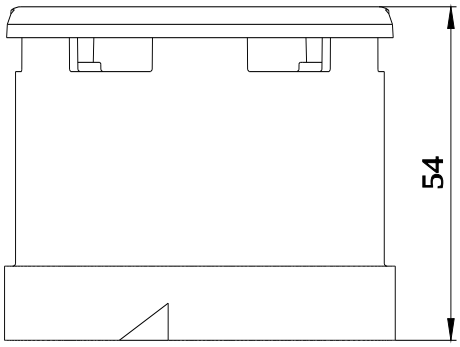
Confirmation

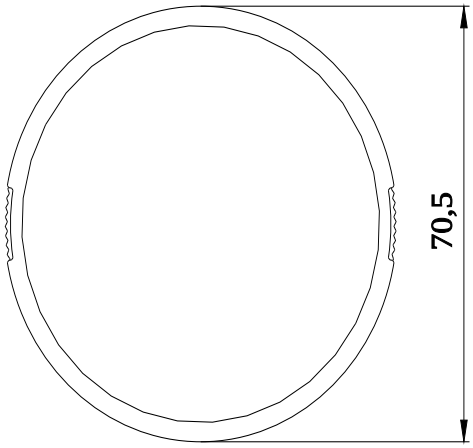
other	Environment

Environmental Confirmations

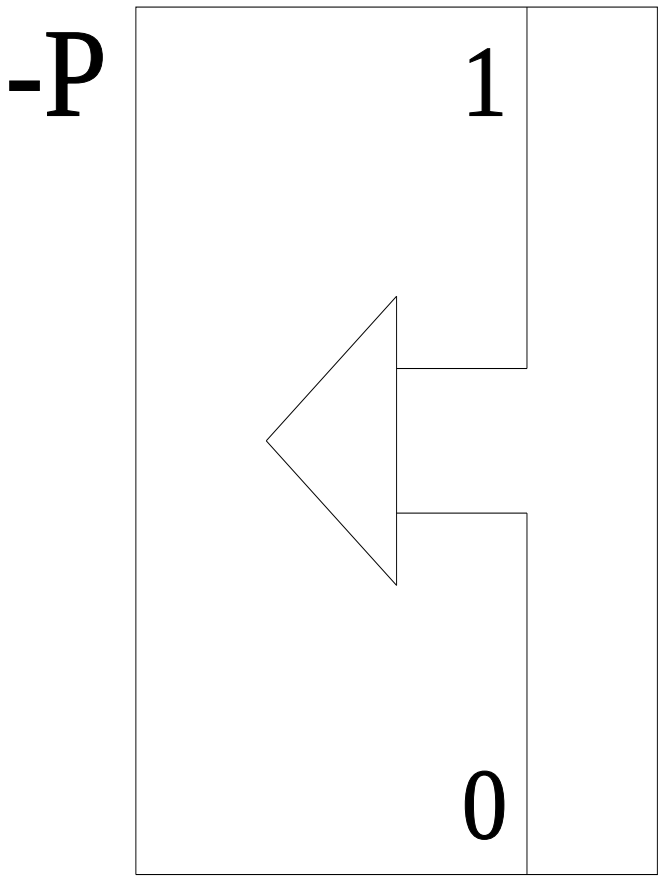
Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WD4450-0EA2
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=8WD4450-0EA2
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/8WD4450-0EA2
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8WD4450-0EA2&lang=en





© Copyright Siemens



last modified: 10/2/2026

Subject to change without notice
© Copyright Siemens