SIEMENS

Data sheet 3SU1200-6KF10-1AA0

acoustic signal device, compact, 22 mm, round, plastic, black, Continuous tone 2.4 kHz, IP40, Sound pressure min. 80 dB/10 cm, with holder, Operating voltage 230 V AC, screw terminal

Product brand name	SIRIUS ACT
Product designation	Acoustic signaling device
Design of the product	Compact unit
Product type designation	3SU1
Product line	Plastic, black, 22 mm
Manufacturer's article number	
• of the supplied holder	3SU1500-0AA10-0AA0

Enclosure

Number of command points	1

Actuator

Color	
• of the actuating element	black
Material of the actuating element	plastic
Shape of the actuating element	round
Outer diameter of the actuating element	29.5 mm

Front ring

Product component front ring	No

Holder

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Material of the holder	Plastic

General technical data

Loudness level at 10 cm distance	80 dB
Insulation voltage	
• rated value	320 V
Degree of pollution	3
Surge voltage resistance rated value	4 kV
Consumed current	
• at rated value of operating voltage maximum	28 mA
Protection class IP	IP40
• of the terminal	IP20
Degree of protection NEMA rating	1
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Reference code acc. to DIN EN 81346-2	P
Reference code acc. to DIN EN 61346-2	P
Relative positive tolerance of the operating voltage	20 %
Relative negative tolerance of the operating voltage	20 %

Supply voltage

Type of voltage of the supply voltage	
• of the acoustic signal element	AC
Supply voltage at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V

Control circuit/ Control

Inrush current maximum	3 A

Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm²)
• solid without core end processing	2x (1.0 ... 1.5 mm²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm²)
• finely stranded without core end processing	2x (1,0 ... 1,5 mm²)
• at AWG conductors	2x (18 ... 14)
Tightening torque of the screws in the bracket	1 ... 1.2 N·m
Tightening torque	
• with screw-type terminals	0.8 ... 1 N·m

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Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions

Mounting type	front panel mounting
Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	11.4 mm
Installation width	29.5 mm
Installation depth	49.6 mm

Certificates/ approvals

General Product Approval				Declaration of Conformity	
CCC	CSA	UL	EAC	EG-Konf.	Miscellaneous

Test Certificates		other
Type Test Certificates/Test Report	Special Test Certificate	Confirmation

Further information

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=3SU1200-6KF10-1AA0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-6KF10-1AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-6KF10-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-6KF10-1AA0&lang=en

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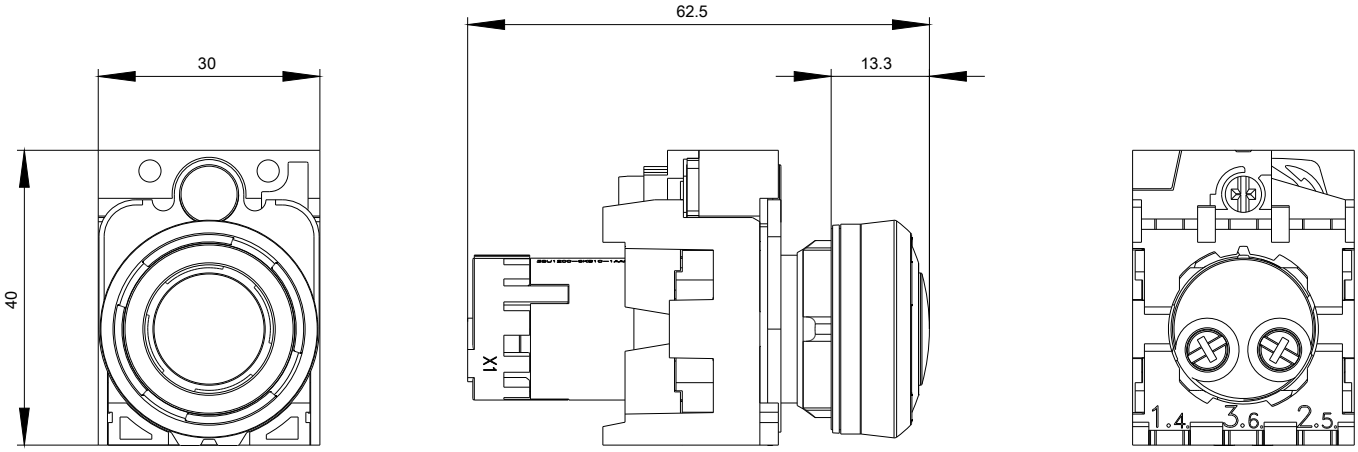

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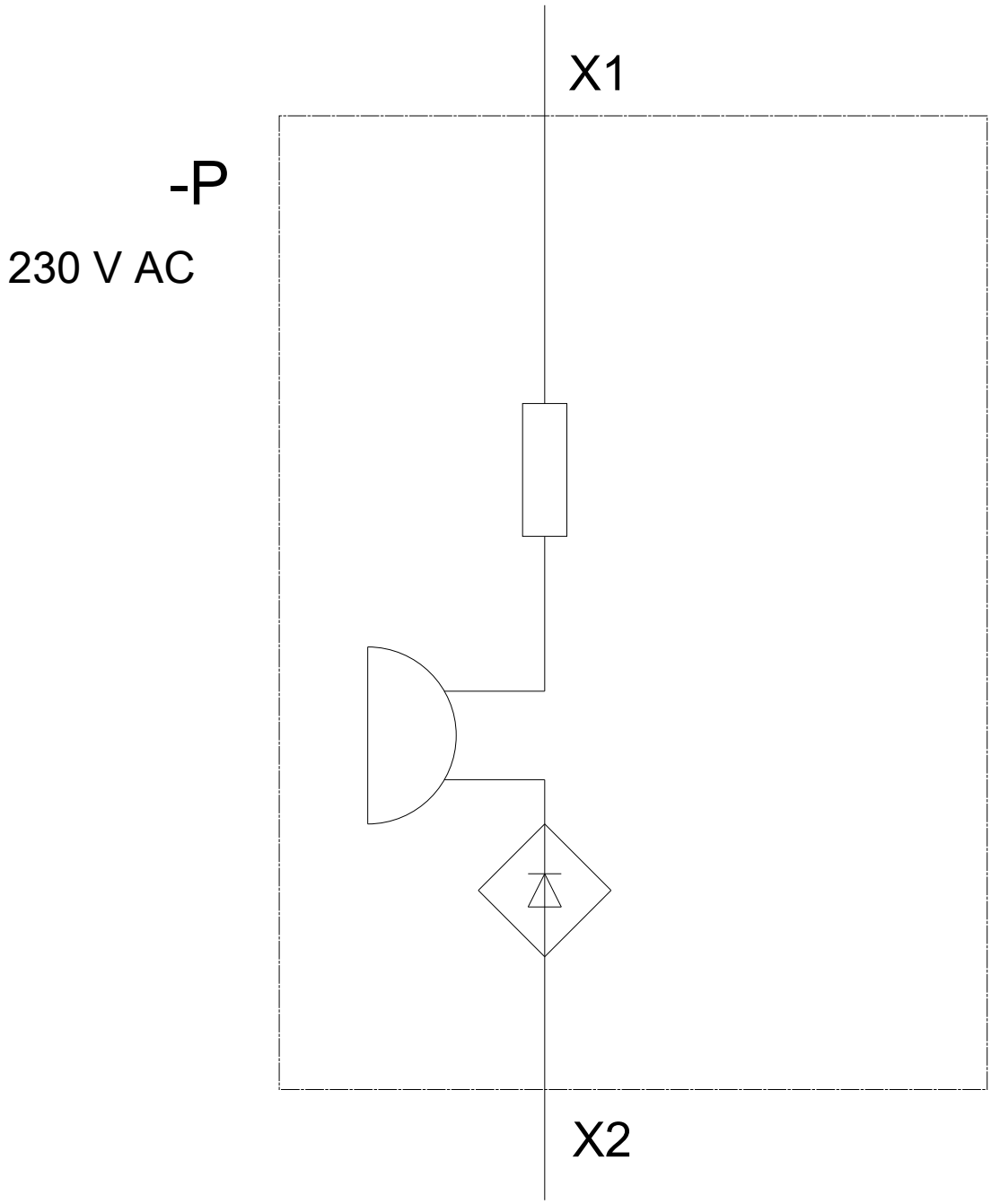

last modified: 02/12/2020

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