## 3SU1200-6KC10-1AA0

**Data sheet** 



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 110 V AC, screw terminal

product brand name	SIRIUS ACT
product designation	Acoustic signaling device
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design of the product	Compact unit 3SU1
product type designation	
product line	Plastic, black, 22 mm
manufacturer's article number of the supplied holder	<u>3SU1550-0AA10-0AA0</u>
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	
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	32 mA
protection class IP	IP40
of the terminal	IP20, clamping screw tightened
degree of protection NEMA rating	1
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
reference code according to IEC 81346-2	Р
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8
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	AC

Supply voltage at AC		
110 V   110	element	
• at 60 Hz rated value           Control Circuit/ Control           Inrush current maximum         3 A           Connections/ Terminals         Connections           type of electrical connection         screw-type terminals           type of onnectable conductor cross-sections         solid with core end processing         2x (0.5 0.75 mm²)           • solid without core end processing         2x (0.5 1.5 mm²)           • finely stranded without core end processing         2x (10 1.5 mm²)           • finely stranded without core end processing         2x (10 1.5 mm²)           • for AWC cables         2x (18 14)           • type of the screws in the bracket         1 1.2 Nm           • tightening torque with screw-type terminals         3 1 Nm           • during operation         25 + 70 °C           • during operation         25 + 70 °C           • during storage         40 + 80 °C           environmental category during operation according to IEC         3M6, 352, 382, 382, 386 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)           Environmental Product Declaration(EPD)         Yes           Global Warming Potential [CO2 eq] during operation         0.235 kg           Global Warming Potential [CO2 eq] during operation         0.235	supply voltage at AC	
Control circuit/ Control         3 A           Connections/ Terminals         Screw-type terminals           type of electrical connectable         Screw-type terminals           type of connectable conductor cross-sections         Variable (1.0 m. 1.5 mm²)           • solid with core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1.0 1.5 mm²)           • finely stranded without core end processing         2x (1	at 50 Hz rated value	110 V
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 (1.5	at 60 Hz rated value	110 V
type of electrical connection  type of connectable conductor cross-sections	Control circuit/ Control	
type of electrical connectable conductor cross-sections         screw-type terminals           • 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)           • for AWG cables         2x (1.8 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           Ambient conditions         -25 +70 °C           • during operation         -25 +70 °C           • during storage         -40 +80 °C           environmental category during operation according to IEC         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)           Environmental Footuct Declaration(EPD)         Yes           Global Warming Potential [CO2 eq] during amanufacturing         0.566 kg           Global Warming Potential [CO2 eq] during operation         0.235 kg           Global Warming Potential [CO2 eq] after end of life         0.015 kg           Installation mounting/ dimensions         Front plate mounting           fastening method         front plate mounting	inrush current maximum	3 A
solid with core end processing solid with	Connections/ Terminals	
• solid with core end processing • solid without core end processing • solid without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables 2x (1.0 1.5 mm²) • for AWG cables 2x (1.	type of electrical connection	screw-type terminals
• solid without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables 2x (1.0 1,5 mm²) • for AWG cables 2x (1.0 1,5 mm²) • for AWG cables 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m tightening torque with screw-type terminals  Ambient conditions  ambient temperature • during operation • during storage • during operation • during operation according to IEC 60721 environmental category during operation according to IEC 60721 Environmental Product Declaration(EPD) Yes Global Warming Potential [CO2 eq] during amanufacturing Global Warming Potential [CO2 eq] during operation • José kg Global Warming Potential [CO2 eq] after end of life -0.015 kg Installation/mounting/dimensions  fastening method height 40 mm width 30 mm shape of the installation opening round mounting diameter positive tolerance of installation diameter mounting height installation width 11.4 mm Installation width 19.6 mm	type of connectable conductor cross-sections	
• finely stranded with core end processing • finely stranded without core end processing • for AWC cables 2x (10 1,5 mm²) 2x (1,0	<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
• finely stranded without core end processing   • for AWG cables   2x (101,5 mm²)   2x (1814)   tightening torque of the screws in the bracket   11,2 N·m   tightening torque with screw-type terminals   0.81 N·m   Ambient conditions   ambient temperature   • during operation   • during storage   environmental category during operation according to IEC (8721)   Environmental footprint   Environmental Product Declaration(EPD)   Global Warming Potential [CO2 eq] during manufacturing   Global Warming Potential [CO2 eq] during operation   0.235 kg   Global Warming Potential [CO2 eq] after end of life   o.0.015 kg   Installation / mounting/ dimensions   fastening method height   40 mm     width   30 mm     shape of the installation opening   0.4 mm     mounting leight   11.4 mm     installation width   29.5 mm     installation depth   49.6 mm	<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
For AWG cables   2x (18 14)	<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
tightening torque of the screws in the bracket  tightening torque with screw-type terminals  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC 80721  Environmental Froduct Declaration(EPD)  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation	<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)
tightening torque with screw-type terminals  Ambient conditions  ambient temperature  • during operation • during storage • during storage • during storage • during operation according to IEC 60721 • during toperation according to IEC 60721 • during toperation according to IEC 60721 • during toperation permitted for all devices behind front panel)  Environmental Froduct Declaration(EPD) Yes Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation 0.235 kg Global Warming Potential [CO2 eq] after end of life -0.015 kg Installation/ mounting/ dimensions  fastening method height 40 mm width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter  positive tolerance of installation diameter mounting height installation width 11.4 mm installation width 29.5 mm installation depth	• for AWG cables	2x (18 14)
Ambient conditions  ambient temperature	tightening torque of the screws in the bracket	1 1.2 N·m
ambient temperature	tightening torque with screw-type terminals	0.8 1 N·m
e during operation e during storage environmental category during operation according to IEC environmental category during operation according to IEC environmental footprint  Environmental Froduct Declaration(EPD) Yes Global Warming Potential [CO2 eq] total O.787 kg Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation O.235 kg Global Warming Potential [CO2 eq] during operation O.235 kg Installation/ mounting/ dimensions  fastening method front plate mounting height 40 mm width 30 mm  shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height 11.4 mm installation width 19.6 mm	Ambient conditions	
• during storage environmental category during operation according to IEC 60721  SM6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Environmental Froduct Declaration(EPD) Yes Global Warming Potential [CO2 eq] total 0.787 kg Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation 0.235 kg Global Warming Potential [CO2 eq] after end of life 0.015 kg  Installation/ mounting/ dimensions fastening method front plate mounting height 40 mm width 30 mm shape of the installation opening mounting diameter 22.3 mm positive tolerance of installation diameter mounting height 11.4 mm installation width 29.5 mm installation depth	ambient temperature	
environmental category during operation according to IEC 60721  Sample 1 and 1	<ul><li>during operation</li></ul>	-25 +70 °C
Environmental Footuct Declaration(EPD) Servironmental Product Declaration(EPD) Yes Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation Global Warming Potential [CO2 eq] during operation Global Warming Potential [CO2 eq] after end of life O-0.015 kg Installation/ mounting/ dimensions fastening method front plate mounting height 40 mm width 30 mm shape of the installation opening mounting diameter 22.3 mm positive tolerance of installation diameter mounting height 11.4 mm installation width 29.5 mm installation depth 49.6 mm	during storage	-40 +80 °C
Environmental Product Declaration(EPD) Yes Global Warming Potential [CO2 eq] total 0.787 kg Global Warming Potential [CO2 eq] during manufacturing 0.566 kg Global Warming Potential [CO2 eq] during operation 0.235 kg Global Warming Potential [CO2 eq] after end of life -0.015 kg Installation/ mounting/ dimensions fastening method front plate 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		
Global Warming Potential [CO2 eq] total 0.787 kg Global Warming Potential [CO2 eq] during manufacturing 0.566 kg Global Warming Potential [CO2 eq] during operation 0.235 kg Global Warming Potential [CO2 eq] after end of life -0.015 kg Installation/ mounting/ dimensions fastening method front plate 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	Environmental footprint	
Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation Global Warming Potential [CO2 eq] after end of life -0.015 kg Installation/ mounting/ dimensions  fastening method front plate mounting height 40 mm width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height 11.4 mm installation width 29.5 mm installation depth 49.6 mm	Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] during operation  Global Warming Potential [CO2 eq] after end of life  -0.015 kg  Installation/ mounting/ dimensions  fastening method front plate mounting height 40 mm width 30 mm shape of the installation opening mounting diameter 22.3 mm  positive tolerance of installation diameter mounting height 11.4 mm installation width 29.5 mm installation depth 49.6 mm	Global Warming Potential [CO2 eq] total	0.787 kg
Global Warming Potential [CO2 eq] after end of life  Installation/ mounting/ dimensions  fastening method  front plate mounting  height  40 mm  width  30 mm  shape of the installation opening  mounting diameter  positive tolerance of installation diameter  mounting height  installation width  29.5 mm  installation depth  40.6 mm	Global Warming Potential [CO2 eq] during manufacturing	0.566 kg
Installation/ mounting/ dimensions  fastening method front plate 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	Global Warming Potential [CO2 eq] during operation	0.235 kg
fastening method front plate 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	Global Warming Potential [CO2 eq] after end of life	-0.015 kg
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	Installation/ mounting/ dimensions	
width30 mmshape of the installation openingroundmounting diameter22.3 mmpositive tolerance of installation diameter0.4 mmmounting height11.4 mminstallation width29.5 mminstallation depth49.6 mm	fastening method	front plate mounting
shape of the installation opening  mounting diameter  positive tolerance of installation diameter  mounting height  installation width  29.5 mm  installation depth  49.6 mm	height	40 mm
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	width	30 mm
positive tolerance of installation diameter 0.4 mm mounting height 11.4 mm installation width 29.5 mm installation depth 49.6 mm	shape of the installation opening	round
mounting height 11.4 mm installation width 29.5 mm installation depth 49.6 mm	mounting diameter	22.3 mm
installation width 29.5 mm installation depth 49.6 mm	positive tolerance of installation diameter	0.4 mm
installation depth 49.6 mm	mounting height	11.4 mm
·	installation width	29.5 mm
Approvals Certificates	installation depth	49.6 mm
	Approvals Certificates	

## General Product Approval









Confirmation



General Product Approval

**Test Certificates** 

other



Type Test Certificates/Test Report

Special Test Certificate

Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

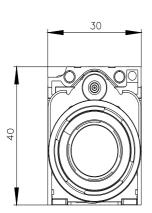
Industry Mall (Online ordering system)

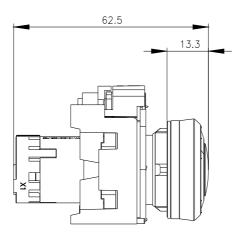
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1200-6KC10-1AA0

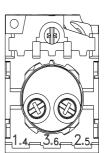
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-6KC10-1AA0

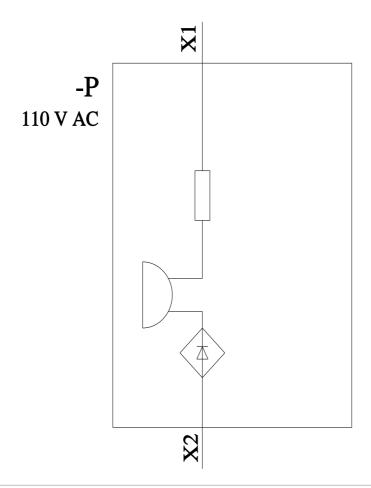
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-6KC10-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)









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