# SIEMENS

**Data sheet**                                           **3SU1200-6LB10-1AA0**



acoustic signal device, compact, 22 mm, round, plastic, black, continuous tone 4.5 kHz, IP69, sound pressure 75+/-10% dB/10 cm, with holder, operating voltage 24 V AC/DC, 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 | 3SU1550-0AA10-0AA0 |
| **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** | |
| **material of the holder** | Plastic |
| **General technical data** | |
| **loudness level at 10 cm distance** | 75 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** | IP66, IP67, IP69(IP69K) |
| protection class IP 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 |
| ● for railway applications according to EN 61373 | 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** | P |
| **Substance Prohibitance (Date)** | 10/01/2014 |
| **SVHC substance name** | Lead monoxide (lead oxide) - 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 |
| **Weight** | 48 g |
| **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/DC |
| **supply voltage at AC** | |
| ● at 50 Hz rated value | 24 V |
| ● at 60 Hz rated value | 24 V |
| **supply voltage at DC rated value** | 24 V |

| Control circuit/ Control | |
|---|---|
| **inrush current maximum** | 2 A |

| Connections/ Terminals | |
|---|---|
| **type of electrical connection** | screw terminal |
| **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) |
| ● for AWG cables | 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 |

| Ambient conditions | |
|---|---|
| **ambient temperature** | |
| ● during operation | -25 ... +70 °C |
| ● during storage | -40 ... +80 °C |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel) |

| Environmental footprint | |
|---|---|
| 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 |

## Approvals Certificates

| General Product Approval | | | | Test Certificates | Maritime application |
|---|---|---|---|---|---|
| CE EG-Konf. | UKCA | c UL us | EAC | Type Test Certificates/Test Report | Lloyd's Register LRS |

| Maritime application | | other | | Environment | |
|---|---|---|---|---|---|
| PRS | RINA | 产品合格 QC PASS | Confirmation | EPD | Siemens EcoTech |

| 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=3SU1200-6LB10-1AA0
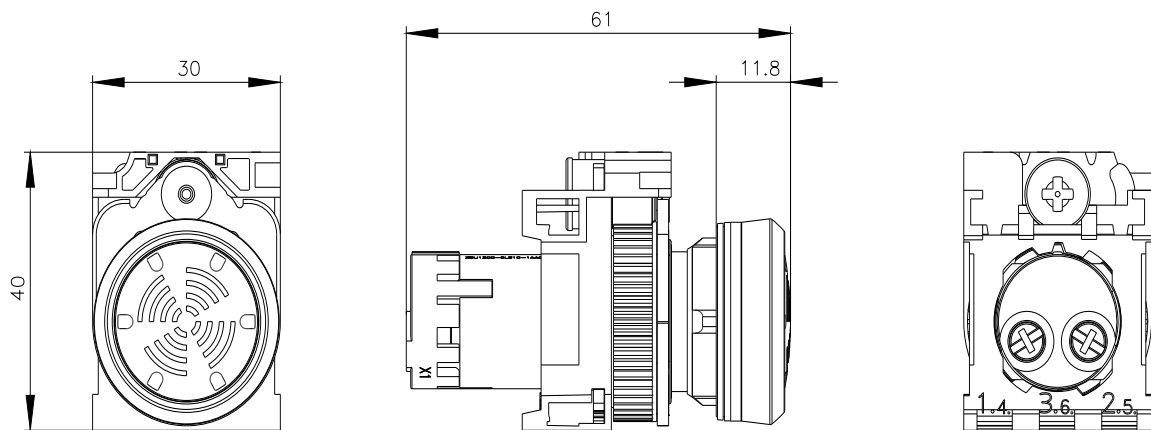
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-6LB10-1AA0
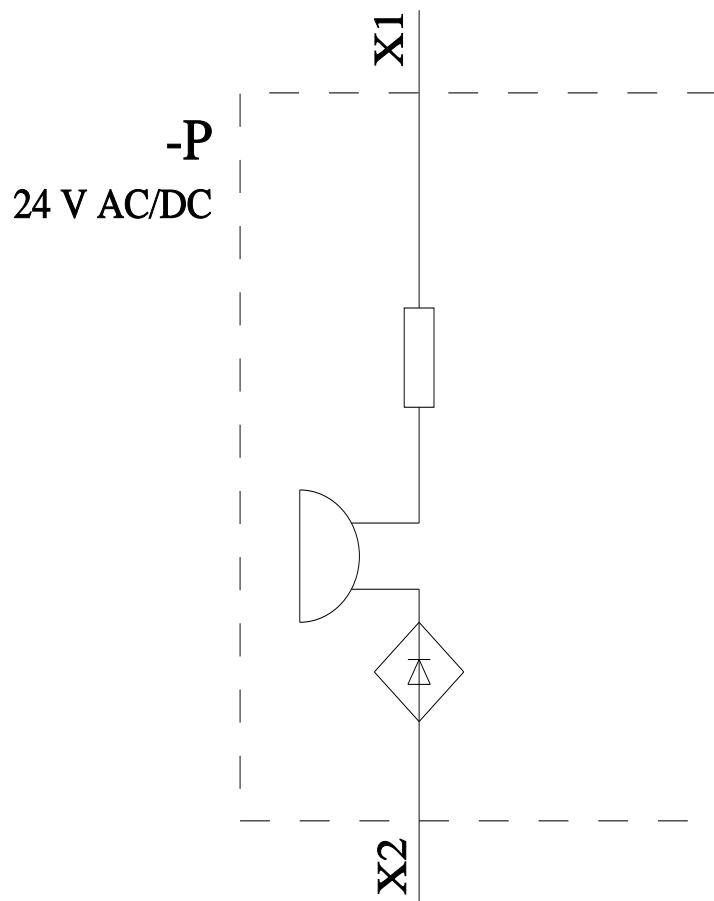
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-6LB10-1AA0

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-6LB10-1AA0&lang=en

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**24 V AC/DC**

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