



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         | <a href="#">3SU1550-0AA10-0AA0</a>                         |
| <b>Enclosure</b>                                             |                                                            |
| number of command points                                     | 1                                                          |
| <b>Actuator</b>                                              |                                                            |
| 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                                                    |
| <b>Front ring</b>                                            |                                                            |
| product component front ring                                 | No                                                         |
| <b>Holder</b>                                                |                                                            |
| material of the holder                                       | Plastic                                                    |
| <b>General technical data</b>                                |                                                            |
| 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                                                       |
| 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 - 7439-92-1<br>Lead monoxide (lead oxide) - 1317-36-8 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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 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, 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <div><div><br/>CCC</div><div><br/>EG-Konf.</div><div></div><div><br/>c UL US</div><div></div><div><a href="#">Type Test Certificates/Test Report</a></div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Test Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Maritime application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <a href="#">Special Test Certificate</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <div><div><br/>BUREAU<br/>VERITAS</div><div><br/>LRS</div><div><br/>PRS</div><div><br/>RINA</div><div><br/>产品合格<br/>QC PASS</div></div> |
| other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



#### 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=3SU1200-6KF10-1AA0>

**Cax online generator**

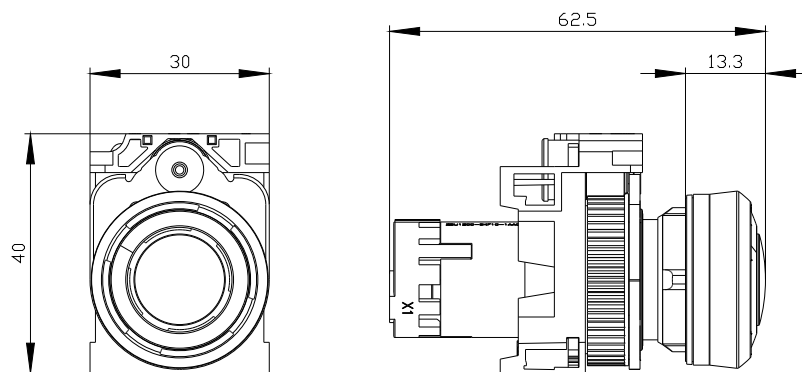
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-6KF10-1AA0>

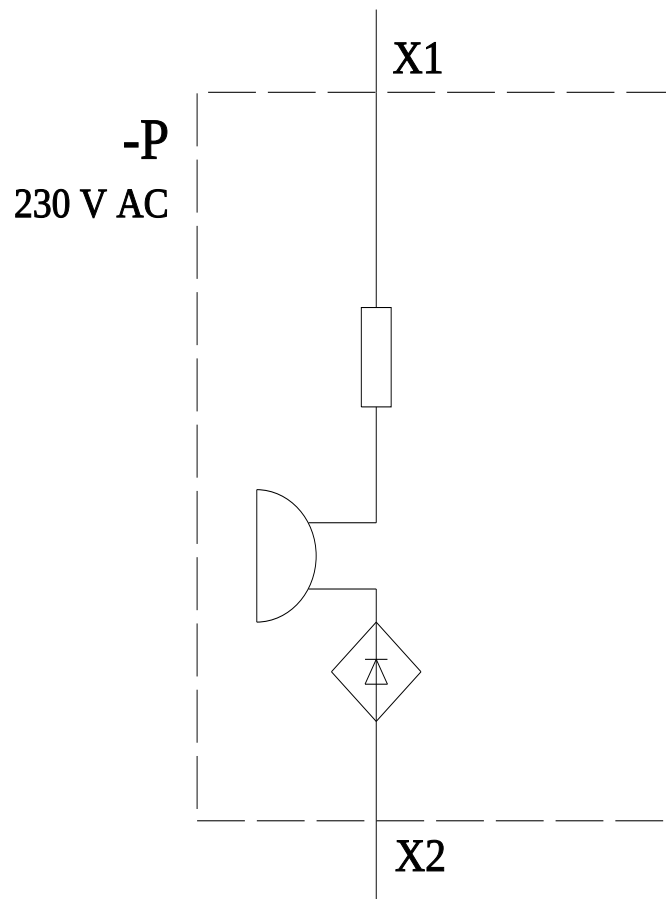
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<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, ...)**

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1200-6KF10-1AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-6KF10-1AA0&lang=en)





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