

# ANTREX Electronics

Electronic Components Sourcing Information

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## Product Reference Information

**Part Number:** 3SU12006KB101AA0  
**Manufacturer:** Siemens  
**Package:** Bulk  
**Availability:** Please confirm with sales

### Product Page:

<https://antrexco.com/product/details/siemens/3su12006kb101aa0.html>

### Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

## Contact Information

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Website: <https://antrexco.com>

## Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

### Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

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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 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                 | <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                               |
| • 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                         |
| relative positive tolerance of the operating voltage                 | 20 %                               |
| relative negative tolerance of the operating voltage                 | 20 %                               |
| <b>Supply voltage</b>                                                |                                    |
| 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                                                                                                                                     |
| <b>supply voltage at DC rated value</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24 V                                                                                                                                     |
| <b>Control circuit/ Control</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                          |
| <b>inrush current maximum</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 A                                                                                                                                      |
| <b>Connections/ Terminals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                          |
| <b>type of electrical connection</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | screw-type terminals                                                                                                                     |
| <b>type of connectable conductor cross-sections</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                          |
| • solid with core end processing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2x (0.5 ... 0.75 mm <sup>2</sup> )                                                                                                       |
| • solid without core end processing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2x (1.0 ... 1.5 mm <sup>2</sup> )                                                                                                        |
| • finely stranded with core end processing                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2x (0.5 ... 1.5 mm <sup>2</sup> )                                                                                                        |
| • finely stranded without core end processing                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2x (1.0 ... 1.5 mm <sup>2</sup> )                                                                                                        |
| • for AWG cables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2x (18 ... 14)                                                                                                                           |
| <b>tightening torque of the screws in the bracket</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 ... 1.2 N·m                                                                                                                            |
| tightening torque with screw-type terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.8 ... 1 N·m                                                                                                                            |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
| <b>ambient temperature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                          |
| • 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) |
| <b>Installation/ mounting/ dimensions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
| <b>fastening method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | front plate mounting                                                                                                                     |
| <b>height</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40 mm                                                                                                                                    |
| <b>width</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 30 mm                                                                                                                                    |
| <b>shape of the installation opening</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | round                                                                                                                                    |
| <b>mounting diameter</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 22.3 mm                                                                                                                                  |
| <b>positive tolerance of installation diameter</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.4 mm                                                                                                                                   |
| <b>mounting height</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.4 mm                                                                                                                                  |
| <b>installation width</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 29.5 mm                                                                                                                                  |
| <b>installation depth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 49.6 mm                                                                                                                                  |
| <b>Certificates/ approvals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                          |
| <div>General Product Approval</div> <div>  <a href="#">Confirmation</a>     </div> |                                                                                                                                          |
| Declaration of Conformity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |

| Test Certificates                                  | other                                    | Environment                                 |
|----------------------------------------------------|------------------------------------------|---------------------------------------------|
| <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Special Test Certificate</a> | <a href="#">Confirmation</a>                |
|                                                    |                                          | <a href="#">Environmental Confirmations</a> |

#### 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=3SU1200-6KB10-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-6KB10-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-6KB10-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1200-6KB10-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-6KB10-1AA0&lang=en)



