



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with holder, 1 NO, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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| <b>product brand name</b>  | SIRIUS ACT   |
| <b>product designation</b>   | Selector switches  |
| <b>design of the product</b>   | Complete unit  |
| <b>product type designation</b>  | 3SU1   |
| <b>product line</b>  | Plastic with metal front ring, matt, 22 mm   |
| <b>manufacturer's article number</b>   |  |
| <ul style="list-style-type: none"> <li>• of supplied contact module at position 1</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul> | <a href="#">3SU1400-1AA10-1BA0</a><br><a href="#">3SU1550-0AA10-0AA0</a><br><a href="#">3SU1032-2BF60-0AA0</a> |
| <b>Enclosure</b>   |  |
| <b>number of command points</b>  | 1  |
| <b>Actuator</b>  |  |
| <b>design of the actuating element</b>   | Selector, short  |
| <b>principle of operation of the actuating element</b>   | latching, 90° (10:30 h/13:30 h)  |
| <b>product extension optional light source</b>   | Yes  |
| <b>color of the actuating element</b>  | white  |
| <b>material of the actuating element</b>   | plastic  |
| <b>shape of the actuating element</b>  | round  |
| <b>outer diameter of the actuating element</b>   | 32.3 mm  |
| <b>marking of the actuating element</b>  | Customized labeling, text in lower case/capital letters, all words start with capital letters                  |
| <b>number of contact modules</b>   | 1  |
| <b>number of switching positions</b>   | 2  |
| <b>actuating angle</b>   |  |
| <ul style="list-style-type: none"> <li>• clockwise</li> </ul>  | 90°  |
| <b>Front ring</b>  |  |
| <b>product component front ring</b>  | Yes  |
| <b>design of the front ring</b>  | standard   |
| <b>material of the front ring</b>  | Metal, matt  |
| <b>color of the front ring</b>   | sand gray  |
| <b>Holder</b>  |  |
| <b>material of the holder</b>  | Plastic  |
| <b>Display</b>   |  |
| <b>number of LED modules</b>   | 0  |
| <b>General technical data</b>  |  |
| <b>product function positive opening</b>   | No   |
| <b>product component light source</b>  | No   |
| <b>insulation voltage rated value</b>  | 500 V  |
| <b>degree of pollution</b>   | 3  |

|  |   |
|--|---|
| type of voltage of the operating voltage   | AC/DC   |
| <b>surge voltage resistance rated value</b>  | 6 kV  |
| <b>protection class IP</b>   | IP66, IP67, IP69(IP69K)   |
| protection class IP of the terminal  | IP20  |
| <b>degree of protection NEMA rating</b>  | 1, 2, 3, 3R, 4, 4X, 12, 13  |
| <b>shock resistance</b>  |   |
| <ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> <li>• for railway applications according to EN 61373</li> </ul>  | sinusoidal half-wave 15g / 11 ms<br>Category 1, Class B   |
| <b>vibration resistance</b>  |   |
| <ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>   | 10 ... 500 Hz: 5g<br>Category 1, Class B  |
| <b>operating frequency maximum</b>   | 1 800 1/h   |
| <b>mechanical service life (operating cycles) typical</b>  | 1 000 000   |
| electrical endurance (operating cycles) typical  | 10 000 000  |
| <b>thermal current</b>   | 10 A  |
| <b>reference code according to IEC 81346-2</b>   | S   |
| <b>continuous current of the C characteristic MCB</b>  | 10 A; for a short-circuit current smaller than 400 A  |
| <b>continuous current of the quick DIAZED fuse link</b>  | 10 A  |
| <b>continuous current of the DIAZED fuse link gG</b>   | 10 A  |
| <b>Substance Prohibitance (Date)</b>   | 10/01/2014  |
| <b>Net Weight</b>  | 0.059 kg  |
| <b>operating voltage</b>   |   |
| <ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC rated value</li> </ul>   | 5 ... 500 V<br>5 ... 500 V<br>5 ... 500 V   |
| <b>Power Electronics</b>   |   |
| <b>contact reliability</b>   | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  |
| <b>Auxiliary circuit</b>   |   |
| <b>design of the contact of auxiliary contacts</b>   | Silver alloy  |
| <b>number of NC contacts for auxiliary contacts</b>  | 0   |
| <b>number of NO contacts for auxiliary contacts</b>  | 1   |
| <b>Connections/ Terminals</b>  |   |
| <b>type of electrical connection</b>   | screw terminal  |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>   | Screw-type terminal   |
| <b>type of connectable conductor cross-sections</b>  |   |
| <ul style="list-style-type: none"> <li>• solid with core end processing</li> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• for AWG cables</li> </ul> | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1,0 ... 1,5 mm <sup>2</sup> )<br>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 ... 0.9 N·m   |
| <b>Safety related data</b>   |   |
| <b>proportion of dangerous failures</b>  |   |
| <ul style="list-style-type: none"> <li>• with low demand rate according to SN 31920</li> </ul>   | 20 %  |
| <b>B10 value with high demand rate according to SN 31920</b>   | 100 000   |
| IEC 61508  |   |
| T1 value for proof test interval or service life according to IEC 61508  | 20 a  |
| <b>Ambient conditions</b>  |   |
| <b>ambient temperature</b>   |   |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>   | -25 ... +70 °C<br>-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)                       |
| <b>Installation/ mounting/ dimensions</b>  |   |
| <b>fastening method</b>  |   |

|   |                      |
|---|----------------------|
| • of modules and accessories                | Front plate mounting |
| height                                      | 40 mm                |
| width                                       | 32.3 mm              |
| shape of the installation opening           | round                |
| mounting diameter                           | 22.3 mm              |
| positive tolerance of installation diameter | 0.4 mm               |
| mounting height                             | 28.8 mm              |
| installation width                          | 32.3 mm              |
| installation depth                          | 49.7 mm              |

### Approvals Certificates

|             |                          |                   |
|-------------|--------------------------|-------------------|
| Environment | General Product Approval | Test Certificates |
|-------------|--------------------------|-------------------|

[Environmental Conformations](#)



[Type Test Certificates/Test Report](#)

|                   |                      |       |
|-------------------|----------------------|-------|
| Test Certificates | Maritime application | other |
|-------------------|----------------------|-------|

[Special Test Certificate](#)



[Confirmation](#)

other



### 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=3SU1130-2BF60-1BA0-Z Y15>

Cax online generator

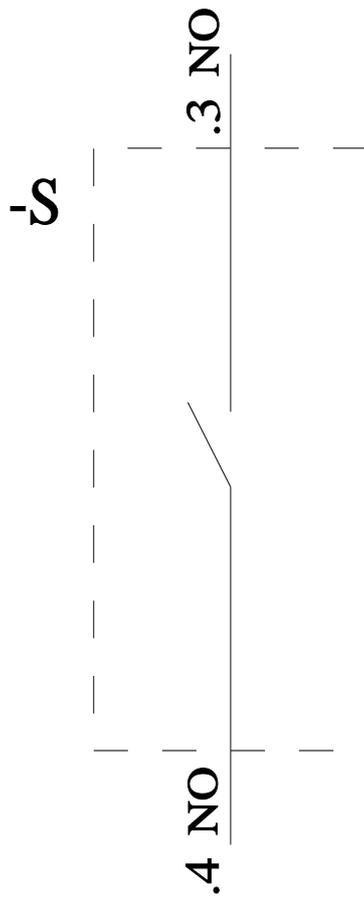
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BF60-1BA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BF60-1BA0-Z Y15>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1130-2BF60-1BA0-Z Y15&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-2BF60-1BA0-Z Y15&lang=en)



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