



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I-O-II, latching, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

|                                                        |                                                                                                 |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <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, black, 22 mm                                                                           |
| <b>manufacturer's article number</b>                   |                                                                                                 |
| • of supplied contact module at position 1             | <a href="#">3SU1400-1AA10-1BA0</a>                                                              |
| • of supplied contact module at position 2             | <a href="#">3SU1400-1AA10-1BA0</a>                                                              |
| • of the supplied holder                               | <a href="#">3SU1500-0AA10-0AA0</a>                                                              |
| • of the supplied actuator                             | <a href="#">3SU1002-2BL60-0AA0</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, 2x45° (10:30 h/12 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>                       | 2                                                                                               |
| <b>number of switching positions</b>                   | 3                                                                                               |
| <b>actuating angle</b>                                 |                                                                                                 |
| • clockwise                                            | 45°                                                                                             |
| • anticlockwise                                        | 45°                                                                                             |
| <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>                      | plastic                                                                                         |
| <b>color of the front ring</b>                         | black                                                                                           |
| <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>                          |                                                                                                 |

|                                                                           |                                                                                                                                                |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| product function positive opening                                         | No                                                                                                                                             |
| product component light source                                            | No                                                                                                                                             |
| insulation voltage rated value                                            | 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)                                                                                                                        |
| • of the terminal                                                         | IP20                                                                                                                                           |
| <b>degree of protection NEMA rating</b>                                   | 1, 2, 3, 3R, 4, 4X, 12, 13                                                                                                                     |
| <b>shock resistance</b>                                                   |                                                                                                                                                |
| • acc. to IEC 60068-2-27                                                  | Sinusoidal half-wave 50g / 11 ms                                                                                                               |
| • for railway applications acc. to DIN EN 61373                           | Category 1, Class B                                                                                                                            |
| <b>vibration resistance</b>                                               |                                                                                                                                                |
| • acc. to IEC 60068-2-6                                                   | 10 ... 500 Hz: 5g                                                                                                                              |
| • for railway applications acc. to DIN EN 61373                           | Category 1, Class B                                                                                                                            |
| <b>operating frequency maximum</b>                                        | 1 800 1/h                                                                                                                                      |
| mechanical service life (switching cycles) typical                        | 1 000 000                                                                                                                                      |
| electrical endurance (switching cycles) typical                           | 10 000 000                                                                                                                                     |
| <b>thermal current</b>                                                    | 10 A                                                                                                                                           |
| <b>reference code acc. 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                                                                                                                                           |
| • operating voltage at AC                                                 |                                                                                                                                                |
| — at 50 Hz rated value                                                    | 5 ... 500 V                                                                                                                                    |
| — at 60 Hz rated value                                                    | 5 ... 500 V                                                                                                                                    |
| • operating voltage at DC rated value                                     | 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>                       | 2                                                                                                                                              |
| <b>Connections/ Terminals</b>                                             |                                                                                                                                                |
| type of electrical connection of modules and accessories                  | Screw-type terminal                                                                                                                            |
| <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> )                                                                                                              |
| • at 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 ... 0.9 N·m                                                                                                                                |
| <b>Safety related data</b>                                                |                                                                                                                                                |
| B10 value with high demand rate acc. to SN 31920                          | 300 000                                                                                                                                        |
| <b>proportion of dangerous failures</b>                                   |                                                                                                                                                |
| • with low demand rate acc. to SN 31920                                   | 20 %                                                                                                                                           |
| • with high demand rate acc. to SN 31920                                  | 20 %                                                                                                                                           |
| failure rate [FIT] with low demand rate acc. to SN 31920                  | 100 FIT                                                                                                                                        |
| <b>T1 value for proof test interval or service life acc. to IEC 61508</b> | 20 y                                                                                                                                           |
| <b>Ambient conditions</b>                                                 |                                                                                                                                                |
| • ambient temperature during operation                                    | -25 ... +70 °C                                                                                                                                 |
| • ambient temperature during storage                                      | -40 ... +80 °C                                                                                                                                 |
| environmental category during operation acc. 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) |

| Installation/ mounting/ dimensions                 |                      |
|----------------------------------------------------|----------------------|
| <b>fastening method</b>                            |                      |
| • of modules and accessories                       | Front plate mounting |
| <b>height</b>                                      | 40 mm                |
| <b>width</b>                                       | 32.3 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>                             | 28.8 mm              |
| <b>installation width</b>                          | 32.3 mm              |
| <b>installation depth</b>                          | 49.7 mm              |
| Certificates/ approvals                            |                      |
| Further information                                |                      |

**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=3SU1100-2BL60-1NA0-Z Y15>

**Cax online generator**

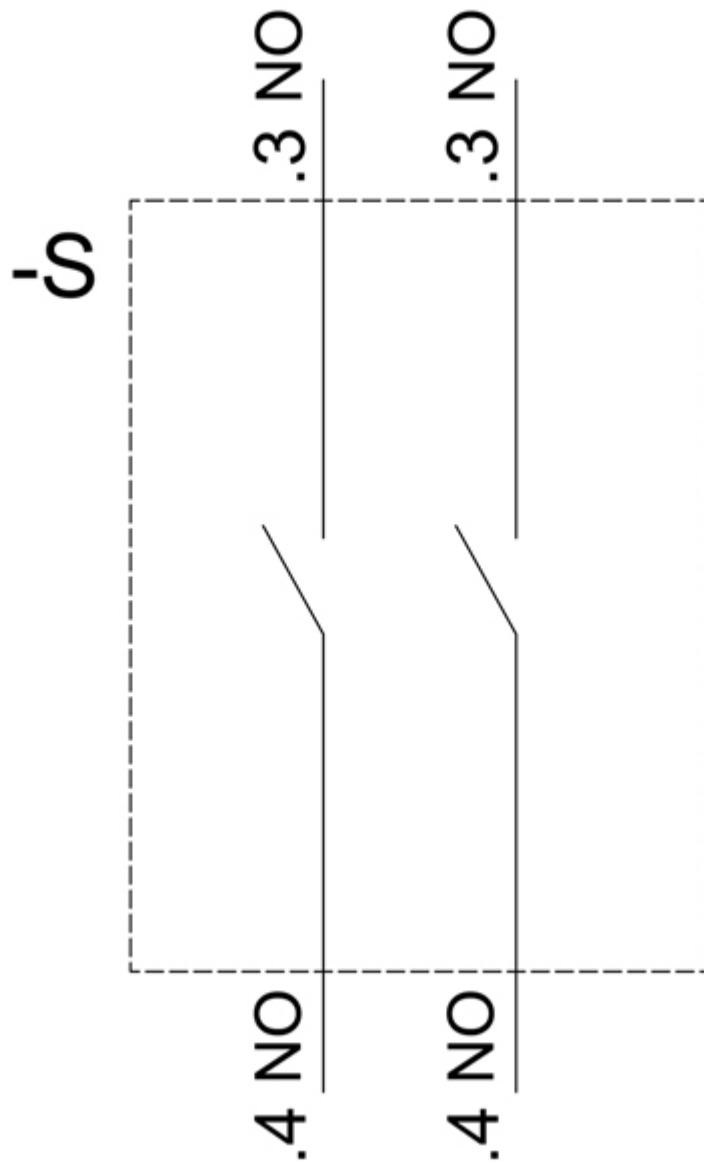
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL60-1NA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL60-1NA0-Z Y15>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1100-2BL60-1NA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BL60-1NA0-Z Y15&lang=en)



last modified:

12/21/2020 [↗](#)