



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, Z=20-unit packaging

|                                                 |                                        |
|-------------------------------------------------|----------------------------------------|
| product brand name                              | SIRIUS ACT                             |
| product designation                             | Selector switches                      |
| design of the product                           | Complete unit                          |
| product type designation                        | 3SU1                                   |
| product line                                    | Plastic, black, 22 mm                  |
| manufacturer's article number                   |                                        |
| • 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>                                |                                        |
| number of command points                        | 1                                      |
| <b>Actuator</b>                                 |                                        |
| design of the actuating element                 | Selector, short                        |
| principle of operation of the actuating element | latching, 2x45° (10:30 h/12 h/13:30 h) |
| product extension optional light source         | Yes                                    |
| color of the actuating element                  | white                                  |
| material of the actuating element               | plastic                                |
| shape of the actuating element                  | round                                  |
| outer diameter of the actuating element         | 32.3 mm                                |
| number of contact modules                       | 2                                      |
| number of switching positions                   | 3                                      |
| actuating angle                                 |                                        |
| • clockwise                                     | 45°                                    |
| • anticlockwise                                 | 45°                                    |
| <b>Front ring</b>                               |                                        |
| product component front ring                    | Yes                                    |
| design of the front ring                        | standard                               |
| material of the front ring                      | plastic                                |
| color of the front ring                         | black                                  |
| <b>Holder</b>                                   |                                        |
| material of the holder                          | Plastic                                |
| <b>Display</b>                                  |                                        |
| number of LED modules                           | 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) |
| <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              |

#### 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 X90>

Cax online generator

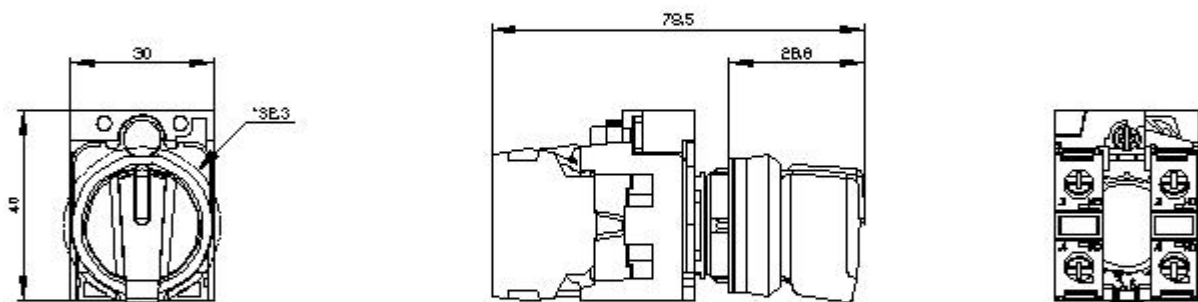
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL60-1NA0-Z X90>

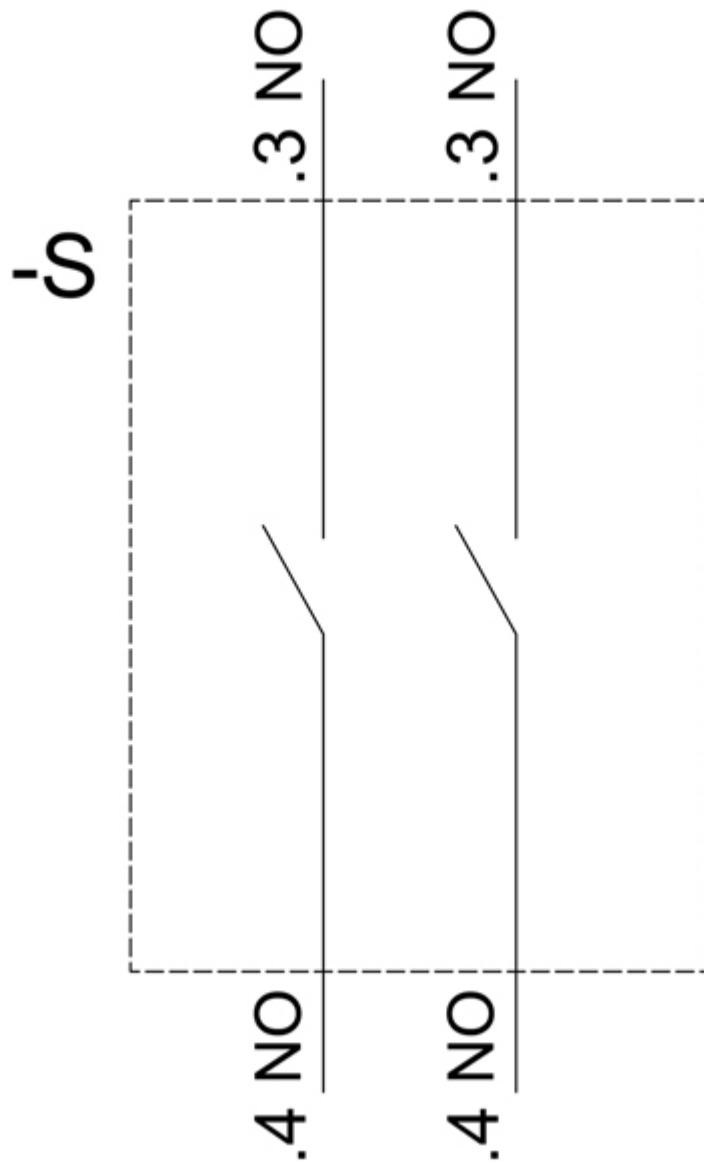
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL60-1NA0-Z X90>

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 X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BL60-1NA0-Z X90&lang=en)





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