



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

|                                                                                                                                                                                                                        |                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                                                                                                                                                                                   |                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• of supplied contact module at position 1</li> <li>• of supplied contact module at position 2</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul> | <a href="#">3SU1400-1AA10-1BA0</a><br><a href="#">3SU1400-1AA10-1BA0</a><br><a href="#">3SU1550-0AA10-0AA0</a><br><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>number of contact modules</b>                                                                                                                                                                                       | 2                                                                                                                                                    |
| <b>number of switching positions</b>                                                                                                                                                                                   | 3                                                                                                                                                    |
| <b>actuating angle</b>                                                                                                                                                                                                 |                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• clockwise</li> <li>• anticlockwise</li> </ul>                                                                                                                                 | 45°<br>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>                                                                                                                                                                                          |                                                                                                                                                      |
| <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)                                                                                                                       |
| • of the terminal                                              | IP20                                                                                                                                          |
| <b>degree of protection NEMA rating</b>                        | 1, 2, 3, 3R, 4, 4X, 12, 13                                                                                                                    |
| <b>shock resistance</b>                                        |                                                                                                                                               |
| • according to IEC 60068-2-27                                  | sinusoidal half-wave 15g / 11 ms                                                                                                              |
| • for railway applications according to EN 61373               | Category 1, Class B                                                                                                                           |
| <b>vibration resistance</b>                                    |                                                                                                                                               |
| • according to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g                                                                                                                             |
| • for railway applications according to 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 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 Prohibitation (Date)</b>                          | 10/01/2014                                                                                                                                    |
| <b>operating voltage</b>                                       |                                                                                                                                               |
| • at AC                                                        |                                                                                                                                               |
| — at 50 Hz rated value                                         | 5 ... 500 V                                                                                                                                   |
| — at 60 Hz rated value                                         | 5 ... 500 V                                                                                                                                   |
| • 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>                                  |                                                                                                                                               |
| <b>type of electrical connection</b>                           | screw-type terminals                                                                                                                          |
| • 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 according to SN 31920          | 300 000                                                                                                                                       |
| <b>proportion of dangerous failures</b>                        |                                                                                                                                               |
| • with low demand rate according to SN 31920                   | 20 %                                                                                                                                          |
| • with high demand rate according to SN 31920                  | 20 %                                                                                                                                          |
| failure rate [FIT] with low demand rate according to SN 31920  | 100 FIT                                                                                                                                       |
| <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, 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                                                                                                                          |
| <b>height</b>                                                  | 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

|                          |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |
|--------------------------|---------------------------|



[Confirmation](#)



EG-Konf.

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
| Declaration of Conformity | Test Certificates | Marine / Shipping |
|---------------------------|-------------------|-------------------|

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS

LRS

PRS

|                   |       |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



[Confirmation](#)

[Environmental Confirmations](#)

RINA

RMRS

### 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>

Cax online generator

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

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

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

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

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