



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, yellow, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h

|                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| product brand name                                 | SIRIUS ACT                                 |
| product designation                                | Selector switches                          |
| design of the product                              | Actuating/signaling element                |
| product type designation                           | 3SU1                                       |
| product line                                       | Plastic with metal front ring, matt, 22 mm |
| <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, 90° (10:30 h/13:30 h)            |
| product extension optional                         |                                            |
| • light source                                     | Yes                                        |
| • contact module                                   | Yes                                        |
| color of the actuating element                     | yellow                                     |
| material of the actuating element                  | plastic                                    |
| shape of the actuating element                     | Handle                                     |
| outer diameter of the actuating element            | 32.3 mm                                    |
| number of switching positions                      | 2                                          |
| actuating angle                                    |                                            |
| • clockwise                                        | 90°                                        |
| <b>Front ring</b>                                  |                                            |
| product component front ring                       | Yes                                        |
| design of the front ring                           | standard                                   |
| material of the front ring                         | Metal, matt                                |
| color of the front ring                            | sand gray                                  |
| <b>General technical data</b>                      |                                            |
| protection class IP                                | IP66, IP67, IP69(IP69K)                    |
| degree of protection NEMA rating                   | 1, 2, 3, 3R, 4, 4X, 12, 13                 |
| 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                        |
| operating frequency maximum                        | 1 800 1/h                                  |
| mechanical service life (operating cycles) typical | 1 000 000                                  |
| reference code according to IEC 81346-2            | S                                          |
| Substance Prohibitance (Date)                      | 10/01/2014                                 |
| Weight                                             | 31 g                                       |
| <b>Safety related data</b>                         |                                            |

|                                                                                         |                                                                    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>proportion of dangerous failures</b><br>• with low demand rate according to SN 31920 | 20 %                                                               |
| <b>B10 value with high demand rate according to SN 31920</b>                            | 100 000                                                            |
| <b>IEC 61508</b>                                                                        |                                                                    |
| T1 value for proof test interval or service life according to IEC 61508                 | 20 a                                                               |
| <b>Ambient conditions</b>                                                               |                                                                    |
| <b>ambient temperature</b><br>• during operation<br>• during storage                    | -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%) |
| <b>Installation/ mounting/ dimensions</b>                                               |                                                                    |
| height                                                                                  | 32.3 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                                                                      | 25.4 mm                                                            |
| <b>Approvals Certificates</b>                                                           |                                                                    |
| General Product Approval                                                                | Test Certificates                                                  |

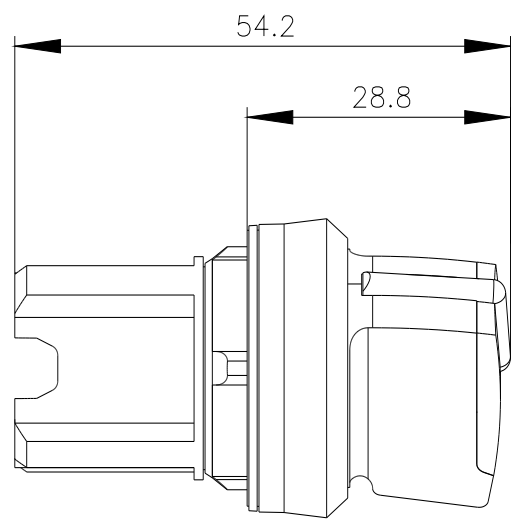
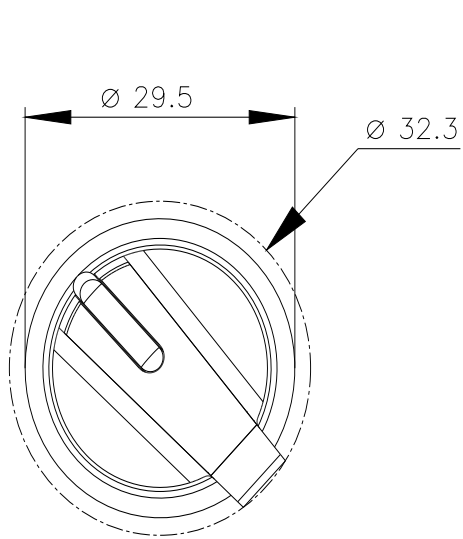


[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

|                             |              |                                                                             |
|-----------------------------|--------------|-----------------------------------------------------------------------------|
| <b>Maritime application</b> | <b>other</b> | <b>Environment</b>                                                          |
|                             |              | <a href="#">Confirmation</a><br><a href="#">Environmental Confirmations</a> |

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| <b>Further information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>Information on the packaging<br/> <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a></p> <p>Information for data generation and storage<br/> <a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a></p> <p>Information- and Downloadcenter (Catalogs, Brochures,...)<br/> <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a></p> <p>Industry Mall (Online ordering system)<br/> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1032-2BF30-0AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1032-2BF30-0AA0</a></p> <p>Cax online generator<br/> <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1032-2BF30-0AA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1032-2BF30-0AA0</a></p> <p>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)<br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BF30-0AA0">https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BF30-0AA0</a></p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br/> <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BF30-0AA0&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BF30-0AA0&amp;lang=en</a></p> |



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4/2/2025 