



Selector switch, illuminable, 22 mm, round, metal, shiny, amber, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, Z=50-unit packaging

|                                                       |                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------|
| product brand name                                    | SIRIUS ACT                                                            |
| product designation                                   | Selector switches                                                     |
| design of the product                                 | Actuating/signaling element                                           |
| product type designation                              | 3SU1                                                                  |
| product line                                          | Metal, shiny, 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       | momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides |
| product extension optional                            |                                                                       |
| • light source                                        | Yes                                                                   |
| • contact module                                      | Yes                                                                   |
| color of the actuating element                        | amber                                                                 |
| 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                         | 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                            | Metal, high gloss                                                     |
| color of the front ring                               | silver                                                                |
| <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                                      |
| vibration resistance                                  |                                                                       |
| • according to IEC 60068-2-6                          | 10 ... 500 Hz: 5g                                                     |
| operating frequency maximum                           | 1 800 1/h                                                             |
| mechanical service life (switching cycles) typical    | 1 000 000                                                             |
| reference code according to IEC 81346-2               | S                                                                     |
| Substance Prohibitance (Date)                         | 10/01/2014                                                            |
| <b>Safety related data</b>                            |                                                                       |
| B10 value with high demand rate according to SN 31920 | 300 000                                                               |

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| <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%) |
| <b>Installation/ mounting/ dimensions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    |
| <b>height</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32.3 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25.4 mm                                                            |
| <b>Certificates/ approvals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    |
| <b>Further information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a><br><b>Industry Mall (Online ordering system)</b><br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1052-2BM00-0AA0-Z X90">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1052-2BM00-0AA0-Z X90</a><br><b>Cax online generator</b><br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1052-2BM00-0AA0-Z X90">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1052-2BM00-0AA0-Z X90</a><br><b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b><br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2BM00-0AA0-Z X90">https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2BM00-0AA0-Z X90</a><br><b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b><br><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1052-2BM00-0AA0-Z X90&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1052-2BM00-0AA0-Z X90&amp;lang=en</a> |                                                                    |

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