



Selector switch, illuminable, 30 mm, round, Metal, matte, red, selector switch, short, front ring for flush installation, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case

|                                                    |                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                            |
| product designation                                | Selector switches                                                     |
| design of the product                              | Actuating/signaling element                                           |
| product type designation                           | 3SU1                                                                  |
| product line                                       | Metal, matt, flat, 30 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                     | red                                                                   |
| material of the actuating element                  | plastic                                                               |
| shape of the actuating element                     | Handle                                                                |
| outer diameter of the actuating element            | 38 mm                                                                 |
| marking of the actuating element                   | Customized labeling, text in capital letters                          |
| 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                           | Flat                                                                  |
| 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 | 300 000                                                               |
| reference code according to IEC 81346-2            | S                                                                     |
| Substance Prohibitance (Date)                      | 10/01/2014                                                            |

|                                                                         |                                                                    |
|-------------------------------------------------------------------------|--------------------------------------------------------------------|
| Weight                                                                  | 0.056 kg                                                           |
| Safety related data                                                     |                                                                    |
| proportion of dangerous failures                                        |                                                                    |
| • with low demand rate according to SN 31920                            | 20 %                                                               |
| • with high demand rate according to SN 31920                           | 20 %                                                               |
| B10 value with high demand rate according to SN 31920                   | 300 000                                                            |
| failure rate [FIT] with low demand rate according to SN 31920           | 100 FIT                                                            |
| IEC 61508                                                               |                                                                    |
| T1 value for proof test interval or service life according to IEC 61508 | 20 a                                                               |
| Ambient conditions                                                      |                                                                    |
| ambient temperature                                                     |                                                                    |
| • 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%) |
| Installation/ mounting/ dimensions                                      |                                                                    |
| height                                                                  | 44.8 mm                                                            |
| width                                                                   | 38 mm                                                              |
| shape of the installation opening                                       | round                                                              |
| mounting diameter                                                       | 30.5 mm                                                            |
| positive tolerance of installation diameter                             | 0.5 mm                                                             |
| mounting height                                                         | 22.1 mm                                                            |
| installation width                                                      | 38 mm                                                              |
| installation depth                                                      | 32.1 mm                                                            |
| Approvals Certificates                                                  |                                                                    |
| General Product Approval                                                |                                                                    |
| Test Certificates                                                       |                                                                    |

[Confirmation](#)



[Type Test Certificates/Test Report](#)

|                                          |                              |                                             |
|------------------------------------------|------------------------------|---------------------------------------------|
| Test Certificates                        | other                        | Environment                                 |
| <a href="#">Special Test Certificate</a> | <a href="#">Confirmation</a> | <a href="#">Environmental Confirmations</a> |

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| Further information                                                                                                                                                                                                                                                                                                          |
| 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>                                                                                                                                                      |
| Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                                                                                                         |
| Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1062-2DM20-0AA0-Z Y11">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1062-2DM20-0AA0-Z Y11</a>                                                                                |
| Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1062-2DM20-0AA0-Z Y11">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1062-2DM20-0AA0-Z Y11</a>                                                                      |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DM20-0AA0-Z Y11">https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DM20-0AA0-Z Y11</a>                                                                                      |
| 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=3SU1062-2DM20-0AA0-Z Y11&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1062-2DM20-0AA0-Z Y11&amp;lang=en</a> |

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