

Illuminable selector switch, 22 mm, round, plastic with metal front ring, black, Selector switch short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with laser labeling, upper case

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| 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 |
| Enclosure | |
| number of command points | 1 |
| Actuator | |
| 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 | black |
| material of the actuating element | plastic |
| shape of the actuating element | Handle |
| outer diameter of the actuating element | 32.3 mm |
| marking of the actuating element | Customized labeling, text in capital letters |
| number of switching positions | 2 |
| actuating angle | |
| • clockwise | 90° |
| Front ring | |
| 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 |
| General technical data | |
| 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) | 03/01/2017 |
| 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 | 100 000 |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT |
| Ambient conditions | |
| ambient temperature | |
| • during operation | -25 ... +70 °C |
| • during storage | -40 ... +80 °C |

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|--|--|--|-------------------|
| environmental category during operation according to IEC 60721 | | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) | |
| Installation/ mounting/ dimensions | | | |
| 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 | |
| Approvals Certificates | | | |
| General Product Approval | | Test Certificates | Marine / Shipping |

[Special Test Certificate](#)

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

[Confirmation](#)

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| Further information |
| Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 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=3SU1032-2BF10-0AA0-Z Y11 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BF10-0AA0-Z Y11 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BF10-0AA0-Z Y11 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BF10-0AA0-Z Y11&lang=en |

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