

Siemens
EcoTech



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, Spring-type terminal

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| product brand name | SIRIUS ACT |
| product designation | Selector switches |
| design of the product | Complete unit |
| product type designation | 3SU1 |
| product line | Plastic, black, 22 mm |
| manufacturer's article number | |
| • of supplied contact module at position 1 | 3SU1400-1AA10-3BA0 |
| • of supplied contact module at position 2 | 3SU1400-1AA10-3BA0 |
| • of the supplied holder | 3SU1550-0AA10-0AA0 |
| • of the supplied actuator | 3SU1002-2BM60-0AA0 |
| Enclosure | |
| number of command points | 1 |
| Actuator | |
| 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 |
| color of the actuating element | white |
| material of the actuating element | plastic |
| shape of the actuating element | round |
| outer diameter of the actuating element | 32.3 mm |
| number of contact modules | 2 |
| number of switching positions | 3 |
| actuating angle | |
| • clockwise | 45° |
| • anticlockwise | 45° |
| Front ring | |
| product component front ring | Yes |
| design of the front ring | standard |
| material of the front ring | plastic |
| color of the front ring | black |
| Holder | |
| material of the holder | Plastic |
| Display | |
| number of LED modules | 0 |
| General technical data | |
| product function positive opening | No |

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| product component light source | No |
| insulation voltage rated value | 500 V |
| degree of pollution | 3 |
| type of voltage of the operating voltage | AC/DC |
| surge voltage resistance rated value | 6 kV |
| protection class IP | IP66, IP67, IP69(IP69K) |
| protection class IP of the terminal | IP20 |
| 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 |
| electrical endurance (operating cycles) typical | 10 000 000 |
| thermal current | 10 A |
| reference code according to IEC 81346-2 | S |
| continuous current of the C characteristic MCB | 10 A; for a short-circuit current smaller than 400 A |
| continuous current of the quick DIAZED fuse link | 10 A |
| continuous current of the DIAZED fuse link gG | 10 A |
| Substance Prohibitance (Date) | 10/01/2014 |
| Net Weight | 63 g |
| operating voltage | |
| • 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 |
| Power Electronics | |
| contact reliability | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) |
| Auxiliary circuit | |
| design of the contact of auxiliary contacts | Silver alloy |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 2 |
| Connections/ Terminals | |
| type of electrical connection | spring-loaded terminals |
| • of modules and accessories | Spring-type terminal |
| type of connectable conductor cross-sections | |
| • solid without core end processing | 2x (0.25 ... 1.5 mm ²) |
| • finely stranded with core end processing | 2x (0.25 ... 0.75 mm ²) |
| • finely stranded without core end processing | 2x (0.25 ... 1.5 mm ²) |
| • for AWG cables | 2x (24 ... 16) |
| tightening torque of the screws in the bracket | 1 ... 1.2 N·m |
| Safety related data | |
| product function suitable for safety function | Yes |
| test wear-related service life necessary | Yes |
| proportion of dangerous failures | |
| • with high demand rate per NO contact according to SN 31920 | 50 % |
| B10 value with high demand rate according to SN 31920 | 300 000 |
| ISO 13849 | |
| device type according to ISO 13849-1 | 3 |
| IEC 61508 | |
| safety device type according to IEC 61508-2 | Type A |
| T1 value for proof test interval or service life according to IEC 61508 | 20 a |
| Ambient conditions | |

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| 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%, no condensation in operation permitted for all devices behind front panel) |
| Installation/ mounting/ dimensions | |
| fastening method | |
| • of modules and accessories | Front plate mounting |
| height | 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 |

Approvals Certificates

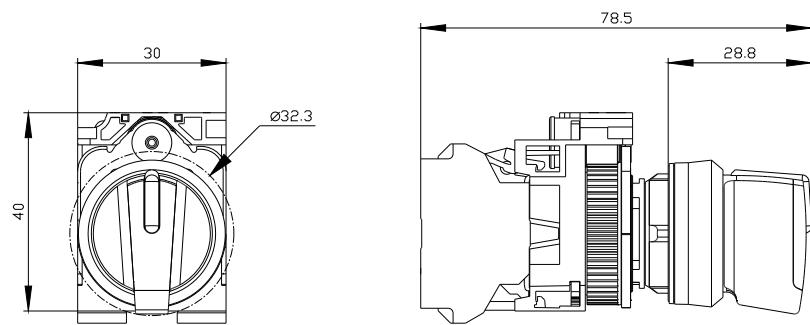
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|--|------------|
| Environmental Product Declaration | |
| • global warming potential [CO2 eq] / during manufacturing | 0.566 kg |
| • global warming potential [CO2 eq] / during operation | 0.235 kg |
| • global warming potential [CO2 eq] / after end of life | -0.0145 kg |
| • global warming potential [CO2 eq] / total | 0.787 kg |

| Environment | General Product Approval |
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|    |     |

| General Product Approval | Test Certificates | Maritime application |
|--|---|--|
|   | Type Test Certificate/Test Report Special Test Certificate |   |

| Maritime application | other |
|--|---|
|   |  Confirmation |

| Further information |
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| Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 |
| Information for data generation and storage https://support.industry.siemens.com/cs/ww/en/view/109995012 |
| 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=3SU1100-2BM60-3NA0 |
| Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BM60-3NA0 |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BM60-3NA0 |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BM60-3NA0&lang=en |



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