SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case

| product designation design of the product product type designation product type designation product type designation product tine Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element light source | product brand name | SIRIUS ACT | | |
|--|--|---|--|--|
| design of the product product type dosignation product line Plastic with metal front ring, matt, 22 mm Selector, short latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional Plastic Product extension optional Plastic Product extension optional Plastic Product extension optional Plastic Product dameter of the actuating element Plastic Plastic Plastic Product diameter of the actuating element Plastic Plastic Plastic Plastic Product diameter of the actuating element Plastic Plastic Plastic Product diameter of the actuating element Plastic Plastic Product diameter of the actuating element Plastic Plastic Plastic Product diameter of the actuating element Pla | · | | | |
| product type designation product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching light source | | | | |
| product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element Selector, short latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source | | | | |
| Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element I atching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching I atching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching Product extension optional | | | | |
| number of command points 1 Actuator design of the actuating element Selector, short principle of operation of the actuating element latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left product extension optional elight source Yes | • | ,, ,, ,, ,, | | |
| Actuator Actuator Selector, short Iatching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching/momentary contact, 2x45° (10:30 h/13:30 h/13:30 h/13:30 h/13:30 h/13:30 h/13:30 h/13:30 h/13:30 h/13:30 h/13: | | 1 | | |
| design of the actuating element principle of operation of the actuating element latching/momentary contact, 2x45* (10:30 h/12 h/13:30 h), return from right, left latching light source | | | | |
| principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element shape of the actuating element material of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element plastic shape of the actuating element Any inscription, text in upper case actuating angle clockwise actuating angle clockwise anticlockwise 45° product component front ring design of the front ring material of the front ring material of the front ring material of the front ring product camponent front ing design of the front ring protect component front ring material of the front ring protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 | | Selector short | | |
| • light source • contact module Color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element actuating element Any inscription, text in upper case number of switching positions actuating angle • clockwise • anticlockwise Front ring product component front ring design of the front ring material of the front ring sand gray General technical data protection class IP degree of protection NEMA rating • according to IEC 60068-2-7 • for railway applications according to EN 61373 operating frequency maximum enchanical service life (operating cycles) typical possible value yes white whit | | latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left | | |
| ocontact module color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element arriving of the actuating element Any inscription, text in upper case number of switching positions actuating angle elockwise enticlockwise 45° enticlockwise 45° front ring product component front ring design of the front ring material of the front ring sand gray General technical data protection class IP degree of protection NEMA rating shock resistance eaccording to IEC 60068-2-6 e for railway applications according to EN 61373 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 10 500 Hz: 5g color of the control of the contro | product extension optional | | | |
| color 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 Any inscription, text in upper case number of switching positions 3 actuating angle e clockwise 45° e anticlockwise 45° Front ring product component 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 e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms e for railway applications according to EN 61373 Category 1, Class B vibration resistance e according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical | | Yes | | |
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| shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions actuating angle clockwise anticlockwise anticlockwise 45° anticlockwise 45° front ring product component front ring design of the front ring material of the front ring standard material of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum nechanical service life (operating cycles) typical have in actuating according to typical Any inscription, text in upper case Any inscription, text in upper case actuating upper case 45° 45° Front ring Yes 45° 45° 45° 46° 46° 46° 4849 Any inscription, text in upper case 45° 45° 46° 46° 46° 46° 46° 46° | color of the actuating element | white | | |
| outer diameter of the actuating element marking of the actuating element number of switching positions actuating angle | material of the actuating element | plastic | | |
| marking of the actuating element number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical | shape of the actuating element | Handle | | |
| number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-77 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 500 MEX 9 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical | outer diameter of the actuating element | 32.3 mm | | |
| actuating angle • clockwise • anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring material of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum nechanical service life (operating cycles) typical 1 000 000 | marking of the actuating element | Any inscription, text in upper case | | |
| • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise Front ring product component front ring question of the front ring design of the front ring material of the front ring material of the front ring material of the front ring sand gray General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical | number of switching positions | 3 | | |
| inticlockwise | actuating angle | | | |
| product component front ring design of the front ring material of the front ring material of the front ring Color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical | • clockwise | 45° | | |
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| design of the front ring 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 • 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 | Front ring | | | |
| material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B vibration fresistance 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 1 000 000 | product component front ring | Yes | | |
| color of the front ring 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 • 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 | design of the front ring | standard | | |
| protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance | material of the front ring | Metal, matt | | |
| protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • 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 | color of the front ring | sand gray | | |
| degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • 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 | General technical data | | | |
| 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 | protection class IP | IP66, IP67, IP69(IP69K) | | |
| 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 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 | degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 | | |
| for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 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 | shock resistance | | | |
| vibration resistance • according to IEC 60068-2-6 • 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 | • according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms | | |
| according to IEC 60068-2-6 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 | for railway applications according to EN 61373 | Category 1, Class B | | |
| ● 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 | vibration resistance | | | |
| operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 | • according to IEC 60068-2-6 | 10 500 Hz: 5g | | |
| mechanical service life (operating cycles) typical 1 000 000 | for railway applications according to EN 61373 | Category 1, Class B | | |
| (2) | operating frequency maximum | 1 800 1/h | | |
| reference code according to IEC 81346-2 S | mechanical service life (operating cycles) typical | 1 000 000 | | |
| | reference code according to IEC 81346-2 | S | | |

| | 40/04/0044 | |
|---|--|--|
| Substance Prohibitance (Date) | 10/01/2014 | |
| Safety related data | | |
| B10 value with high demand rate according to SN 31920 | 300 000 | |
| proportion of dangerous failures | | |
| 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 | |
| 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 | 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 | |
| Certificates/ approvals | | |
| Further information | | |

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1032-2BN60-0AA0-Z Y11

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1032-2BN60-0AA0-Z~Y11}$

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BN60-0AA0-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=3SU1032-2BN60-0AA0-Z Y11&lang=en

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