



RONIS key-operated switch, 22 mm, round, plastic, lock number SB30, with 2 keys, 2 switch positions O-I, latching, 10:30h/13:30h, key removal O+I, with holder, 1 NO, screw terminal, possible special locks: SB31, 421, 455

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| product brand name | SIRIUS ACT |
| product designation | Key-operated switches |
| design of the product | Complete unit |
| product type designation | 3SU1 |
| product line | Plastic, black, 22 mm |
| manufacturer's article number | |
| <ul style="list-style-type: none"> • of included key • of supplied contact module • of supplied contact module at position 1 • of the supplied holder • of the supplied actuator | <ul style="list-style-type: none"> 3SU1950-0FB80-0AA0 3SU1400-1AA10-1BA0 3SU1400-1AA10-1BA0 3SU1500-0AA10-0AA0 3SU1000-4BF11-0AA0 |
| Enclosure | |
| shape of the enclosure front | round |
| number of command points | 1 |
| Actuator | |
| principle of operation of the actuating element | latching, 90° (10:30 h/13:30 h) |
| product extension optional light source | No |
| color of the actuating element | silver |
| material of the actuating element | metal |
| shape of the actuating element | Key |
| outer diameter of the actuating element | 29.5 mm |
| number of contact modules | 1 |
| number of switching positions | 2 |
| switch position for key distraction | O+I |
| actuating angle | |
| <ul style="list-style-type: none"> • clockwise | 90° |
| lock make | RONIS |
| key number | SB30 |
| 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 |
| 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) |
| • of the terminal | IP20 |
| degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 |
| shock resistance | |
| • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50g / 11 ms |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| vibration resistance | |
| • acc. to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| operating frequency maximum | 1 800 1/h |
| mechanical service life (switching cycles) typical | 1 000 000 |
| electrical endurance (switching cycles) typical | 10 000 000 |
| thermal current | 10 A |
| reference code acc. 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 Prohibition (Date) | 01.10.2014 00:00:00 |
| 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 | 1 |
| Connections/ Terminals | |
| type of electrical connection | |
| • of modules and accessories | Screw-type terminal |
| type of connectable conductor cross-sections | |
| • solid with core end processing | 2x (0.5 ... 0.75 mm ²) |
| • solid without core end processing | 2x (1.0 ... 1.5 mm ²) |
| • finely stranded with core end processing | 2x (0.5 ... 1.5 mm ²) |
| • finely stranded without core end processing | 2x (1,0 ... 1,5 mm ²) |
| • at AWG cables | 2x (18 ... 14) |
| tightening torque of the screws in the bracket | 1 ... 1.2 N·m |
| tightening torque for auxiliary contacts with screw-type terminals | 0.8 ... 0.9 N·m |
| Ambient conditions | |
| ambient temperature | |
| • during operation | -25 ... +70 °C |
| • during storage | -40 ... +80 °C |
| environmental category during operation acc. 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 | 30 mm |

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| shape of the installation opening | round |
| mounting diameter | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 49.4 mm |
| installation width | 29.5 mm |
| installation depth | 49.7 mm |

Certificates/ approvals

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| General Product Approval | Declaration of Conformity |
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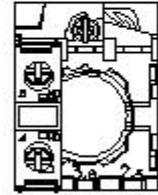
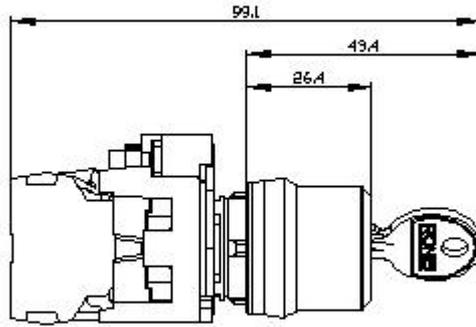
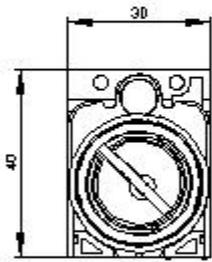
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| Test Certificates | Marine / Shipping |
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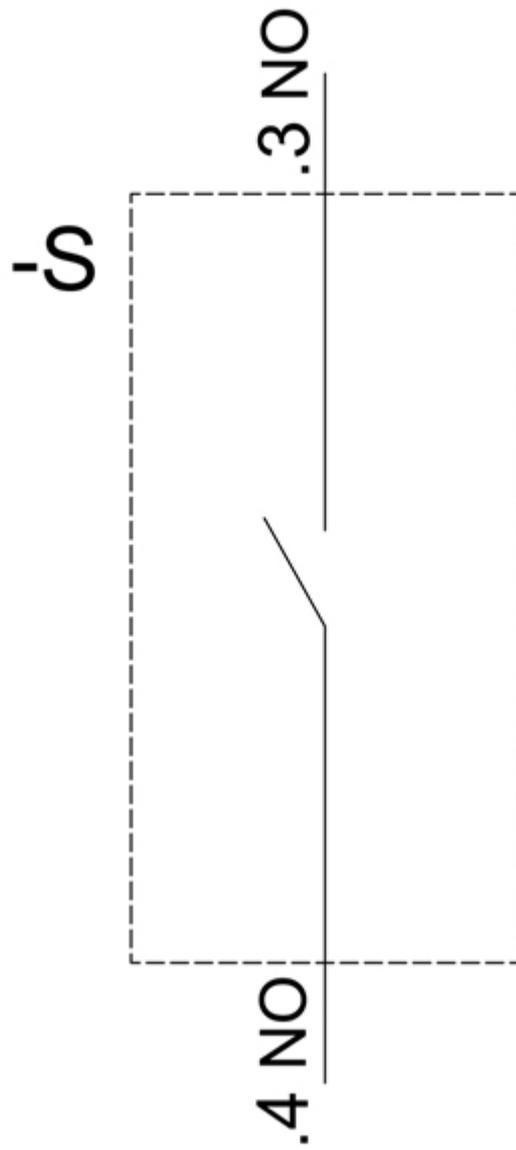


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| Marine / Shipping | other |
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Further information





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1/8/2021 