



RONIS key-operated switch, 22 mm, round, plastic, lock number SB30, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, possible special locks: SB31, 421, 455, with laser labeling, upper case and lower case, always upper case at beginning of line

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|--|---|
| product brand name                               | SIRIUS ACT  |
| product designation                              | Key-operated switches   |
| design of the product                            | Actuating/signaling element   |
| product type designation                         | 3SU1  |
| product line                                     | Plastic, black, 22 mm   |
| manufacturer's article number of included key    | <a href="#">3SU1950-0FB80-0AA0</a>  |
| <b>Actuator</b>                                  |   |
| principle of operation of the actuating element  | latching, 2x45° (10:30 h/12 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   |
| marking of the actuating element                 | Any inscription, text in upper/lower case, every line begins with upper case letter |
| number of switching positions                    | 3   |
| switch position for key distraction              | O   |
| actuating angle                                  |   |
| • clockwise                                      | 45°   |
| • anticlockwise                                  | 45°   |
| lock make  | RONIS   |
| key number                                       | SB30  |
| <b>Front ring</b>                                |   |
| product component front ring                     | Yes   |
| design of the front ring                         | Standard  |
| material of the front ring                       | plastic   |
| color of the front ring                          | black   |
| <b>General technical data</b>                    |   |
| 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                                 |   |
| • 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   |

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| mechanical service life (switching cycles) typical             | 1 000 000  |
| reference code according to IEC 81346-2                        | S  |
| Substance Prohibitance (Date)                                  | 10/01/2014   |
| <b>Ambient conditions</b>                                      |  |
| <b>ambient temperature</b>                                     |  |
| • 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%) |
| <b>Installation/ mounting/ dimensions</b>                      |  |
| <b>height</b>  | 29.5 mm  |
| <b>width</b>   | 29.5 mm  |
| <b>shape of the installation opening</b>                       | round  |
| <b>mounting diameter</b>                                       | 22.3 mm  |
| <b>positive tolerance of installation diameter</b>             | 0.4 mm   |
| <b>mounting height</b>   | 49.4 mm  |
| <b>installation width</b>                                      | 29.5 mm  |
| <b>installation depth</b>                                      | 25.4 mm  |
| <b>Certificates/ approvals</b>                                 |  |
| <b>Further information</b>                                     |  |

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=3SU1000-4BL01-0AA0-Z Y10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4BL01-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4BL01-0AA0-Z Y10>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1000-4BL01-0AA0-Z Y10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-4BL01-0AA0-Z Y10&lang=en)

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