



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I, possible special locks: SB31, 421, 455, with laser labeling, lower case

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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                                       | Metal, shiny, 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/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching |
| 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 lower case  |
| number of switching positions                      | 3  |
| switch position for key distraction                | I  |
| 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                         | Metal, high gloss  |
| color of the front ring                            | silver   |
| <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   |
| vibration resistance                               |  |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g  |
| operating frequency maximum                        | 1 800 1/h  |
| mechanical service life (switching cycles) typical | 300 000  |
| reference code according to IEC 81346-2            | S  |

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| <b>Substance Prohibittance (Date)</b>                          | 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=3SU1050-4BN21-0AA0-Z Y12>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-4BN21-0AA0-Z Y12>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-4BN21-0AA0-Z Y12>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-4BN21-0AA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-4BN21-0AA0-Z Y12&lang=en)

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