



RONIS key-operated switch, 22 mm, round, plastic with metal front ring, lock number SB30, with 2 keys, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal II, possible special locks: SB31, 421, 455

|                                                    |                                                                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                                                 |
| product designation                                | Key-operated switches                                                                      |
| design of the product                              | Actuating/signaling element                                                                |
| product type designation                           | 3SU1                                                                                       |
| product line                                       | Plastic with metal front ring, matt, 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    | momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right 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                                                                                    |
| number of switching positions                      | 3                                                                                          |
| switch position for key distraction                | II                                                                                         |
| 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, matt                                                                                |
| color of the front ring                            | sand gray                                                                                  |
| <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                                                                                  |
| mechanical service life (operating cycles) typical | 1 000 000                                                                                  |
| reference code according to IEC 81346-2            | S                                                                                          |

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| Substance Prohibitance (Date)                                  | 10/01/2014                                                         |
| <b>Ambient conditions</b>                                      |                                                                    |
| 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%) |
| <b>Installation/ mounting/ dimensions</b>                      |                                                                    |
| height                                                         | 29.5 mm                                                            |
| width                                                          | 29.5 mm                                                            |
| 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                                             | 25.4 mm                                                            |
| <b>Approvals Certificates</b>                                  |                                                                    |
| General Product Approval                                       |                                                                    |



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|-------------------|-------------------|
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|       |             |
|-------|-------------|
| other | Environment |
|-------|-------------|

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#### Further information

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=3SU1030-4BP31-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4BP31-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4BP31-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-4BP31-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-4BP31-0AA0&lang=en)



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