

Siemens  
EcoTech



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O, 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                                                   | 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, 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 switching positions                                  | 2                                                                  |
| switch position for key distraction                            | O                                                                  |
| actuating angle                                                |                                                                    |
| • clockwise                                                    | 90°                                                                |
| 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)                                            |
| protection class IP 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 15 g / 11 ms                                  |
| vibration resistance                                           |                                                                    |
| • according to IEC 60068-2-6                                   | 10 ... 500 Hz: 5 g                                                 |
| operating frequency maximum                                    | 1 800 1/h                                                          |
| mechanical service life (operating cycles) typical             | 300 000                                                            |
| reference code according to IEC 81346-2                        | S                                                                  |
| Substance Prohibitance (day/month/year)                        | 10/01/2014                                                         |
| Net Weight                                                     | 78 g                                                               |
| <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 |

#### Environmental footprint

|                                                        |                 |
|--------------------------------------------------------|-----------------|
| Environmental Product Declaration (EPD)                | Yes             |
| global warming potential [CO2 eq] total                | 0.593 kg        |
| global warming potential [CO2 eq] during manufacturing | 0.625 kg        |
| global warming potential [CO2 eq] during operation     | 0.235 kg        |
| global warming potential [CO2 eq] after end of life    | -0.267 kg       |
| Siemens eco profile (SEP)                              | Siemens EcoTech |

#### Approvals Certificates

|                                                                                                                                                                                                                                                                                                    |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Environmental Product Declaration                                                                                                                                                                                                                                                                  |                                               |
| <ul style="list-style-type: none"> <li>• global warming potential [CO2 eq] / during manufacturing</li> <li>• global warming potential [CO2 eq] / during operation</li> <li>• global warming potential [CO2 eq] / after end of life</li> <li>• global warming potential [CO2 eq] / total</li> </ul> | 0.625 kg<br>0.235 kg<br>-0.267 kg<br>0.593 kg |
| Environment                                                                                                                                                                                                                                                                                        | General Product Approval                      |

[Environmental Confirmations](#)



|                          |                   |                      |
|--------------------------|-------------------|----------------------|
| General Product Approval | Test Certificates | Maritime application |
|--------------------------|-------------------|----------------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



|                      |       |
|----------------------|-------|
| Maritime application | other |
|----------------------|-------|



[Confirmation](#)



#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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=3SU1050-4BF01-0AA0>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-4BF01-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-4BF01-0AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-4BF01-0AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-4BF01-0AA0&lang=en)

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