



key-operated switch Siemens, 22 mm, round, metal, shiny, lock number SSG10, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O

|  |                                    |
|--|------------------------------------|
| <b>product brand name</b>                                    | SIRIUS ACT                         |
| <b>product designation</b>                                   | Key-operated switches              |
| <b>design of the product</b>                                 | Actuating/signaling element        |
| <b>product type designation</b>                              | 3SU1                               |
| <b>product line</b>  | Metal, shiny, 22 mm                |
| <b>manufacturer's article number of included key</b>         | <a href="#">3SU1950-0FP80-0AA0</a> |
| <b>Actuator</b>  |                                    |
| <b>principle of operation of the actuating element</b>       | latching, 90° (10:30 h/13:30 h)    |
| <b>product extension optional light source</b>               | No                                 |
| <b>color</b>   |                                    |
| • of the actuating element                                   | silver                             |
| <b>material of the actuating element</b>                     | metal                              |
| <b>shape of the actuating element</b>                        | Key                                |
| <b>outer diameter of the actuating element</b>               | 29.5 mm                            |
| <b>number of switching positions</b>                         | 2                                  |
| <b>switch position for key distraction</b>                   | O                                  |
| <b>actuating angle</b>                                       |                                    |
| • clockwise  | 90°                                |
| <b>lock make</b>   | Siemens                            |
| <b>key number</b>  | SSG10                              |
| <b>Front ring</b>  |                                    |
| <b>product component front ring</b>                          | Yes                                |
| <b>design of the front ring</b>                              | Standard                           |
| <b>material of the front ring</b>                            | Metal, high gloss                  |
| <b>color of the front ring</b>                               | silver                             |
| <b>General technical data</b>                                |                                    |
| <b>protection class IP</b>                                   | IP66, IP67, IP69(IP69K)            |
| • of the terminal  | IP20                               |
| <b>degree of protection NEMA rating</b>                      | 1, 2, 3, 3R, 4, 4X, 12, 13         |
| <b>shock resistance</b>                                      |                                    |
| • according to IEC 60068-2-27                                | sinusoidal half-wave 15g / 11 ms   |
| <b>vibration resistance</b>                                  |                                    |
| • according to IEC 60068-2-6                                 | 10 ... 500 Hz: 5g                  |
| <b>operating frequency maximum</b>                           | 1 800 1/h                          |
| <b>mechanical service life (switching cycles) typical</b>    | 300 000                            |
| <b>reference code according to IEC 81346-2</b>               | S                                  |
| <b>Substance Prohibitance (Date)</b>                         | 10/01/2014                         |
| <b>Safety related data</b>                                   |                                    |
| <b>B10 value with high demand rate according to SN 31920</b> | 100 000                            |

|   |         |
|---|---------|
| <b>proportion of dangerous failures</b>                       |         |
| • with low demand rate according to SN 31920                  | 20 %    |
| • with high demand rate according to SN 31920                 | 20 %    |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT |

|  |  |
|--|--|
| <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>                             | 61 mm   |
| <b>installation width</b>                          | 29.5 mm |
| <b>installation depth</b>                          | 25.4 mm |

|                                 |                                  |
|---------------------------------|----------------------------------|
| <b>Certificates/ approvals</b>  |                                  |
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> |



[Confirmation](#)



EG-Konf.

|                          |                          |
|--------------------------|--------------------------|
| <b>Test Certificates</b> | <b>Marine / Shipping</b> |
|--------------------------|--------------------------|

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS



RINA

|                          |              |
|--------------------------|--------------|
| <b>Marine / Shipping</b> | <b>other</b> |
|--------------------------|--------------|



RMRS

[Confirmation](#)

[Environmental Confirmations](#)

### Further information

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=3SU1050-5BF01-0AA0>

Cax online generator

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BF01-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BF01-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5BF01-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5BF01-0AA0&lang=en)

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