

key-operated switch Siemens with key monitoring, plastic with metal front ring, lock number SSG10, with 2 keys 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12:00h/13:30h, key removal/ejection in O, with laser labeling, inscription or symbol, customer-specific selection with SIRIUS ACT configurator (CIN)

|                                                                |                                                                                                                                 |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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="#">3SU1950-0FP80-0AA0</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                               | Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| number of switching positions                                  | 3                                                                                                                               |
| switch position for key distraction                            | O                                                                                                                               |
| actuating angle                                                |                                                                                                                                 |
| • clockwise                                                    | 45°                                                                                                                             |
| • anticlockwise                                                | 45°                                                                                                                             |
| lock make                                                      | Siemens                                                                                                                         |
| key number                                                     | SSG10 with key monitoring                                                                                                       |
| <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                                            | IP54                                                                                                                            |
| • 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                             | 61 mm   |
| installation width                          | 29.5 mm |
| installation depth                          | 25.4 mm |

#### Approvals Certificates

##### General Product Approval



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##### Test Certificates

##### Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



##### other

##### Environment

[Confirmation](#)

[Environmental Confirmations](#)

#### 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=3SU1030-5JL01-0AA0-Z Y19>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5JL01-0AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5JL01-0AA0-Z Y19>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-5JL01-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5JL01-0AA0-Z Y19&lang=en)

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