



key-operated switch Siemens, 22 mm, round, metal, shiny, lock number SSG10, 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 O+II

|                                               |                                    |
|-----------------------------------------------|------------------------------------|
| 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="#">3SU1950-0FP80-0AA0</a> |

### Actuator

|                                                 |                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|
| 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             | O+II                                                                                       |
| actuating angle                                 |                                                                                            |
| • clockwise                                     | 45°                                                                                        |
| • anticlockwise                                 | 45°                                                                                        |
| lock make                                       | Siemens                                                                                    |
| key number                                      | SSG10                                                                                      |

### Front ring

|                              |                   |
|------------------------------|-------------------|
| 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            |

### General technical data

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| 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 (operating cycles) typical | 300 000                          |
| reference code according to IEC 81346-2            | S                                |
| Substance Prohibitance (Date)                      | 10/01/2014                       |

### Safety related data

|                                                       |         |
|-------------------------------------------------------|---------|
| B10 value with high demand rate according to SN 31920 | 300 000 |
|-------------------------------------------------------|---------|

**proportion of dangerous failures**

- with low demand rate according to SN 31920
- with high demand rate according to SN 31920

failure rate [FIT] with low demand rate according to SN 31920

20 %  
20 %  
100 FIT

**Ambient conditions****ambient temperature**

- during operation
- during storage

environmental category during operation according to IEC 60721

-25 ... +70 °C  
-40 ... +80 °C  
3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

**Installation/ mounting/ dimensions****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

**Certificates/ approvals****General Product Approval****Declaration of Conformity**

[Confirmation](#)



EG-Konf.

**Test Certificates****Marine / Shipping**

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

**Marine / Shipping****other**

[Environmental Confirmations](#)

[Confirmation](#)

**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=3SU1050-5BP61-0AA0>

Cax online generator

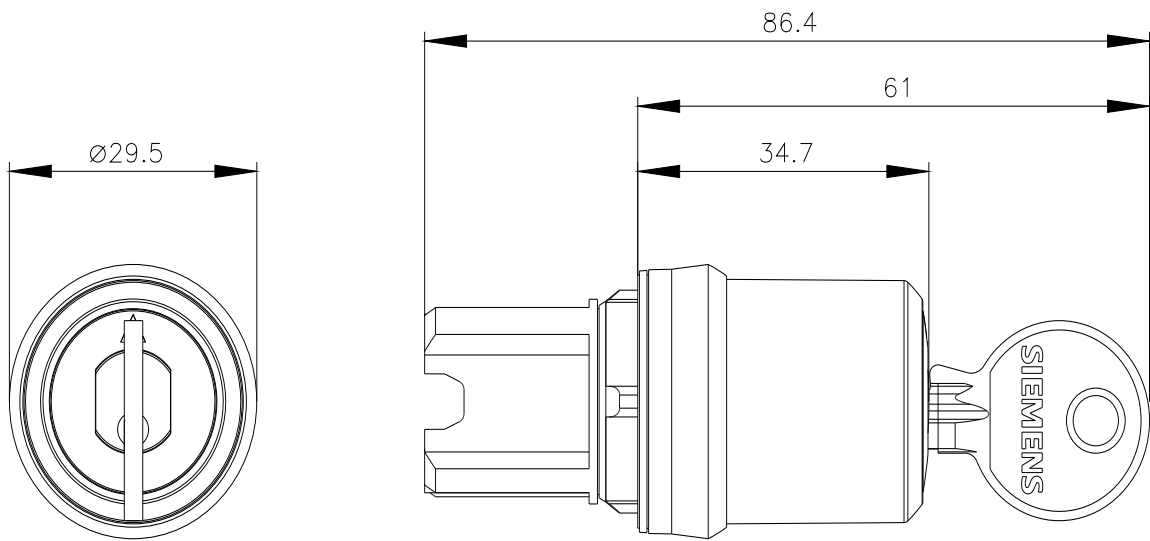
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BP61-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BP61-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5BP61-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5BP61-0AA0&lang=en)



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