



Key-operated switch BKS, 22 mm, round, metal, shiny, lock number S1, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+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="#">3SU1950-0FD80-0AA0</a> |

### Actuator

|                                                 |                                        |
|-------------------------------------------------|----------------------------------------|
| 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                                |
| number of switching positions                   | 3                                      |
| switch position for key distraction             | I+II                                   |
| actuating angle                                 |                                        |
| • clockwise                                     | 45°                                    |
| • anticlockwise                                 | 45°                                    |
| lock make                                       | BCS                                    |
| key number                                      | S1                                     |

### 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                       |

### Ambient conditions

|                     |                |
|---------------------|----------------|
| ambient temperature |                |
| • during operation  | -25 ... +70 °C |

- during storage

environmental category during operation according to IEC 60721

-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                             | 56.3 mm |
| installation width                          | 29.5 mm |
| installation depth                          | 25.4 mm |

#### Certificates/ approvals

##### General Product Approval

##### Declaration of Conformity



[Confirmation](#)



##### Test Certificates

##### Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



##### Marine / Shipping

##### other



[Environmental Confirmations](#)

[Confirmation](#)

#### 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=3SU1050-5PL41-0AA0>

##### Cax online generator

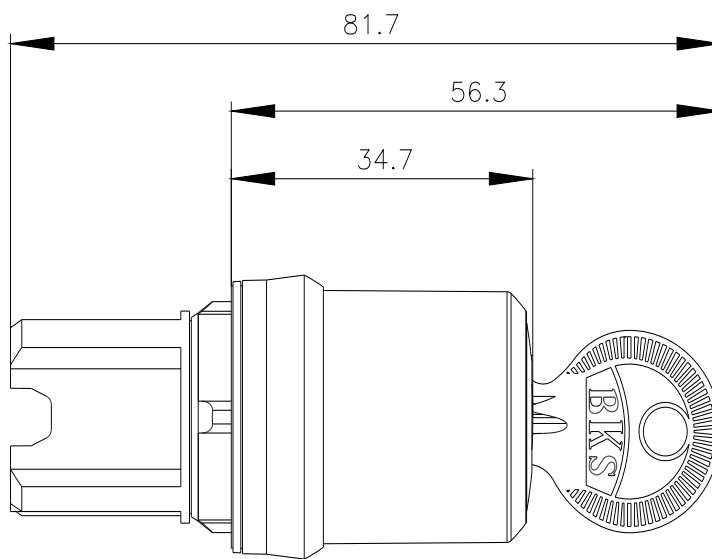
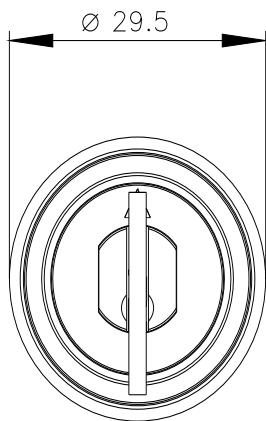
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PL41-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PL41-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5PL41-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PL41-0AA0&lang=en)



last modified:

1/26/2022 