

Key-operated switch BKS, 22 mm, round, metal, shiny, lock number S1, with 2 keys, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I, with laser labeling, upper case and lower case, always upper case at beginning of line



|                               |                                    |
|-------------------------------|------------------------------------|
| 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                                    |  |
|---|--|
| Manner of function of the actuating element | latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left 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  |
| Marking of the actuating element            | Any inscription, text in upper/lower case, every line begins with upper case letter        |
| Number of switching positions               | 3  |

|                                     |     |
|-------------------------------------|-----|
| Switch position for key distraction | I   |
| Actuating angle                     |     |
| • clockwise                         | 45° |
| • anticlockwise                     | 45° |
| Lock make                           | BCS |
| Key number                          | S1  |

|                              |                   |
|------------------------------|-------------------|
| <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)           |
| • of the terminal                          | IP20                              |
| Degree of protection NEMA rating           | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13   |
| Shock resistance                           |                                   |
| • acc. to IEC 60068-2-27                   | Sinusoidal half-wave 50 g / 11 ms |
| Vibration resistance                       |                                   |
| • acc. to IEC 60068-2-6                    | 10 ... 500 Hz: 5g                 |
| Operating frequency maximum                | 1 800 1/h                         |
| Mechanical service life (switching cycles) |                                   |
| • typical                                  | 300 000                           |
| Reference code acc. to DIN EN 81346-2      | S                                 |
| Reference code acc. to DIN EN 61346-2      | S                                 |

|   |   |
|---|---|
| <b>Ambient conditions</b>                                 |   |
| Ambient temperature                                       |   |
| • during operation  | -25 ... +70 °C  |
| • during storage  | -40 ... +80 °C  |
| Environmental category during operation acc. 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                             | 56.3 mm |
| Installation width                          | 29.5 mm |
| Installation depth                          | 25.4 mm |

|                                |  |
|--------------------------------|--|
| <b>Certificates/ approvals</b> |  |
|--------------------------------|--|

|  |   |   |   |   |
|--|---|---|---|---|
| General Product Approval   |   |   | Declaration of Conformity   | Test Certificates   |
| <br>CSA | <br>UL |  | <br>EG-Konf. | <a href="#">Miscellaneous</a><br><a href="#">Type Test Certificates/Test Report</a> |

|  |  |  |  |   |   |
|--|--|--|--|---|---|
| Test Certificates                        | Marine / Shipping  |  |  |   |   |
| <a href="#">Special Test Certificate</a> | <br>ABS | <br>LRS | <br>PRS | <br>RINA | <br>RMRS |

|   |                              |
|---|------------------------------|
| Marine / Shipping   | other                        |
| <br>DNV-GL<br>DNVGL.COM/AF | <a href="#">Confirmation</a> |

#### 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=3SU1050-5PN21-0AA0-Z Y10>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PN21-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PN21-0AA0-Z Y10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5PN21-0AA0-Z Y10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PN21-0AA0-Z Y10&lang=en)

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