

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 O, with laser labeling, upper case and lower case, always upper case at the beginning of the word



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| 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 | 3SU1950-0FD80-0AA0 |

| Actuator | |
|---|--|
| Manner of function 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 | Any inscription, text in upper/lower case, all words begin with upper case letters |
| Number of switching positions | 3 |
| Switch position for key distraction | O |

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| Actuating angle | |
| • clockwise | 45° |
| • anticlockwise | 45° |
| Lock make | BCS |
| Key number | S1 |

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| 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 |

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| General technical data | |
| 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 |

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| Ambient conditions | |
| 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 %) |

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| 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 |

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| Certificates/ approvals | |
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| General Product Approval | | | Declaration of Conformity | | Test Certificates |
|  CSA |  UL |  |  EG-Konf. | Miscellaneous | Type Test Certificates/Test Report |

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| Test Certificates | Marine / Shipping | | | | |
| Special Test Certificate |  ABS |  LRS |  PRS |  RINA |  RMRS |

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|---|------------------------------|
| Marine / Shipping | other |
|  | 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=3SU1050-5PL01-0AA0-Z Y15>
- Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PL01-0AA0-Z Y15>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PL01-0AA0-Z Y15>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PL01-0AA0-Z Y15&lang=en

last modified: 02/06/2020