



Figure similar

Key-operated switch, 16 mm, round, plastic, CES, 3 switch positions I-O-II, latching, Actuating angle 2 x 62 degree, key removal O, 1 NO, 1 NO

|   |                       |
|---|-----------------------|
| <b>product brand name</b>                                 | SIRIUS                |
| <b>product designation</b>                                | Key-operated switches |
| <b>design of the product</b>                              | Complete unit round   |
| <b>product type designation</b>                           | 3SB2                  |
| <b>Enclosure</b>  |                       |
| <b>number of command points</b>                           | 1                     |
| <b>Actuator</b>   |                       |
| <b>design of the actuating element</b>                    | Key-operated switch   |
| <b>principle of operation of the actuating element</b>    | latching              |
| <b>product extension optional light source</b>            | No                    |
| <b>material of the actuating element</b>                  | plastic               |
| <b>type of unlocking device</b>                           | key unlatching        |
| <b>number of switching positions</b>                      | 3                     |
| <b>switch position for key distraction</b>                | O                     |
| <b>actuating angle</b>                                    |                       |
| • clockwise   | 62°                   |
| • anticlockwise   | 62°                   |
| <b>lock make</b>  | CES                   |
| <b>Front ring</b>   |                       |
| <b>product component front ring</b>                       | No                    |
| <b>design of the front ring</b>                           | Standard              |
| <b>material of the front ring</b>                         | plastic               |
| <b>color of the front ring</b>                            | black                 |
| <b>Holder</b>   |                       |
| <b>material of the holder</b>                             | Plastic               |
| <b>Contact block/ lampholder</b>                          |                       |
| <b>number of lampholders</b>                              | 0                     |
| <b>number of switching elements</b>                       | 2                     |
| <b>General technical data</b>                             |                       |
| <b>product function</b>                                   |                       |
| • positive opening  | No                    |
| • EMERGENCY STOP function                                 | No                    |
| <b>type of voltage of the operating voltage</b>           | AC/DC                 |
| <b>protection class IP</b>                                | IP65                  |
| <b>vibration resistance according to IEC 60068-2-6</b>    | 20 ... 200 Hz: 5g     |
| <b>operating frequency maximum</b>                        | 1 000 1/h             |
| <b>mechanical service life (operating cycles) typical</b> | 300 000               |
| <b>reference code according to IEC 81346-2</b>            | S                     |
| <b>Substance Prohibitance (Date)</b>                      | 07/01/2006            |

operating voltage rated value 5 ... 250 V

**Auxiliary circuit**

|  |       |
|--|-------|
| number of NC contacts for auxiliary contacts | 0     |
| number of NO contacts for auxiliary contacts | 2     |
| number of CO contacts for auxiliary contacts | 0     |
| <b>operational current at AC-12</b>          |       |
| • at 24 V rated value                        | 10 A  |
| • at 60 V rated value                        | 10 A  |
| • at 110 V rated value                       | 10 A  |
| • at 230 V rated value                       | 10 A  |
| <b>operational current at AC-15</b>          |       |
| • at 24 V rated value                        | 4 A   |
| • at 110 V rated value                       | 4 A   |
| • at 230 V rated value                       | 4 A   |
| <b>operational current at DC-12</b>          |       |
| • at 24 V rated value                        | 6 A   |
| • at 60 V rated value                        | 5 A   |
| • at 110 V rated value                       | 2.5 A |
| • at 230 V rated value                       | 1 A   |
| <b>operational current at DC-13</b>          |       |
| • at 24 V rated value                        | 3 A   |
| • at 60 V rated value                        | 1.2 A |
| • at 110 V rated value                       | 0.7 A |
| • at 230 V rated value                       | 0.3 A |

**Connections/ Terminals**

|  |               |
|--|---------------|
| type of electrical connection                  | tab terminals |
| tightening torque of the screws in the bracket | 0.4 N·m       |

**Ambient conditions**

|  |                |
|--|----------------|
| <b>ambient temperature</b>                                     |                |
| • during operation   | -25 ... +70 °C |
| • during storage   | -40 ... +80 °C |
| environmental category during operation according to IEC 60721 | 3K6            |

**Installation/ mounting/ dimensions**

|                                   |                      |
|-----------------------------------|----------------------|
| fastening method                  | front plate mounting |
| shape of the installation opening | round                |
| mounting diameter                 | 16 mm                |
| mounting height                   | 20 mm                |
| installation width                | 19 mm                |
| installation depth                | 50 mm                |

**Certificates/ approvals**

General Product Approval Declaration of Conformity



Test Certificates other

[Special Test Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[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?mifb=3SB2210-4PA01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2210-4PA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2210-4PA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2210-4PA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2210-4PA01&lang=en)

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