



Key-operated switch, 16 mm, round, plastic, CES, 2 switch positions O-I, latching, actuating angle 62 degree, Key removal O+I

| | |
|---|-----------------------|
| product brand name | SIRIUS |
| product designation | Key-operated switches |
| design of the product | Complete unit round |
| product type designation | 3SB2 |
| Enclosure | |
| number of command points | 1 |
| Actuator | |
| design of the actuating element | Key-operated switch |
| principle of operation of the actuating element | latching |
| product extension optional light source | No |
| material of the actuating element | plastic |
| type of unlocking device | key unlatching |
| number of switching positions | 2 |
| switch position for key distraction | O+I |
| actuating angle | |
| • clockwise | 62° |
| lock make | CES |
| Front ring | |
| product component front ring | No |
| design of the front ring | Standard |
| material of the front ring | plastic |
| color of the front ring | black |
| Holder | |
| material of the holder | Plastic |
| Contact block/ lampholder | |
| number of lampholders | 0 |
| number of switching elements | 1 |
| General technical data | |
| product function | |
| • positive opening | No |
| • EMERGENCY STOP function | No |
| type of voltage of the operating voltage | AC/DC |
| protection class IP | IP65 |
| vibration resistance according to IEC 60068-2-6 | 20 ... 200 Hz: 5g |
| operating frequency maximum | 1 000 1/h |
| mechanical service life (switching cycles) typical | 300 000 |
| reference code according to IEC 81346-2 | S |
| Substance Prohibitance (Date) | 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 | 1 |
| number of CO contacts for auxiliary contacts | 0 |
| operational current at AC-12 | |
| • 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 |
| operational current at AC-15 | |
| • at 24 V rated value | 4 A |
| • at 110 V rated value | 4 A |
| • at 230 V rated value | 4 A |
| operational current at DC-12 | |
| • 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 |
| operational current at DC-13 | |
| • 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 | |
|--|----------------|
| ambient temperature | |
| • 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 |
|-------------------|-------|
|-------------------|-------|

[Miscellaneous](#)

[Special Test Certificate](#)

[Confirmation](#)

| Further information |
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| 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=3SB2202-4LB01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2202-4LB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2202-4LB01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2202-4LB01&lang=en

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