

Key-operated switch, 16 mm, round, plastic, CES, SB2, 2 switch positions O-I, latching, actuating angle 62 degree key removal O, possible special locks: SB3, SB4, SB5



Figure similar

|                          |                       |
|--------------------------|-----------------------|
| Product brand name       | SIRIUS                |
| Product designation      | Key-operated switches |
| Design of the product    | Single device round   |
| Product type designation | 3SB2                  |

| Enclosure                |   |
|--------------------------|---|
| Number of command points | 1 |

| Actuator                                    |                     |
|---|---------------------|
| Design of the operating mechanism           | Key-operated switch |
| Manner of function of the actuating element | latching            |
| Product extension optional Light source     | No                  |
| Material of the actuating element           | plastic             |
| Outer diameter of the actuating element     | 19 mm               |
| Type of unlocking device                    | key unlatching      |
| Number of switching positions               | 2                   |
| Switch position for key distraction         | O                   |
| Actuating angle                             | 62°                 |
| • clockwise                                 |                     |

|           |     |
|-----------|-----|
| Lock make | CES |
|-----------|-----|

### Front ring

|                              |          |
|------------------------------|----------|
| Product component front ring | Yes      |
| Design of the front ring     | Standard |
| Material of the front ring   | plastic  |
| Color of the front ring      | black    |

### Holder

|                        |         |
|------------------------|---------|
| Material of the holder | Plastic |
|------------------------|---------|

### General technical data

|   |                   |
|---|-------------------|
| <b>Product function</b>   |                   |
| • EMERGENCY OFF function  | No                |
| • EMERGENCY STOP function   | No                |
| <b>Protection class IP</b>  | IP65              |
| <b>Vibration resistance</b>   |                   |
| • acc. to IEC 60068-2-6   | 20 ... 200 Hz: 5g |
| <b>Operating frequency maximum</b>  | 1 000 1/h         |
| <b>Mechanical service life (switching cycles)</b>                                       |                   |
| • typical   | 300 000           |
| <b>Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b> | S                 |
| <b>Reference code acc. to DIN EN 81346-2</b>  | S                 |
| <b>Reference code acc. to DIN EN 61346-2</b>  | S                 |

### Connections/ 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 acc. to IEC 60721 | 3K6            |

### Installation/ mounting/ dimensions

|  |                      |
|--|----------------------|
| <b>Mounting type</b>                     | front panel mounting |
| <b>Shape of the installation opening</b> | round                |
| <b>Mounting diameter</b>                 | 16 mm                |
| <b>Mounting height</b>                   | 20 mm                |
| <b>Installation width</b>                | 19 mm                |
| <b>Installation depth</b>                | 50 mm                |

### Certificates/ approvals

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

|                               |                              |  |
|-------------------------------|------------------------------|--|
| Test Certificates             | other                        | Railway                                  |
| <a href="#">Miscellaneous</a> | <a href="#">Confirmation</a> | <a href="#">Special Test Certificate</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?mfb=3SB2000-4LA01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SB2000-4LA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2000-4LA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SB2000-4LA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SB2000-4LA01&lang=en)

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