

22MM METAL ROUND ACTUATOR: CES KEY-OPER.SWITCH  
WITH 2 KEYS LATCHING 3 SWITCH POSITIONS I-O-II LOCK NO  
SSG 10, REMOVAL POS. O WITHOUT HOLDER

|                       |                     |
|-----------------------|---------------------|
| Design of the product | Single device round |
|-----------------------|---------------------|

### 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                  |
| Color                                       |                     |
| • of the actuating element                  | Silver              |
| Material of the actuating element           | metal               |
| Outer diameter of the actuating element     | 28.5 mm             |
| Type of unlocking device                    | key unlatching      |
| Number of switching positions               | 3                   |
| Switch position for key distraction         | O                   |
| Actuating angle                             |                     |
| • clockwise                                 | 50°                 |
| • anticlockwise                             | 50°                 |
| Lock make                                   | CES                 |

### Front ring:

|                              |          |
|------------------------------|----------|
| Product component front ring | Yes      |
| Design of the front ring     | Standard |
| Material of the front ring   | metal    |
| Color of the front ring      | silver   |

### General technical data:

|                                            |                   |
|--------------------------------------------|-------------------|
| Product function                           |                   |
| • EMERGENCY OFF function                   | No                |
| • EMERGENCY STOP function                  | No                |
| Protection class IP                        | IP67              |
| Vibration resistance                       |                   |
| • acc. to IEC 60068-2-6                    | 20 ... 200 Hz: 5g |
| Operating frequency maximum                | 1 000 1/h         |
| Mechanical service life (switching cycles) |                   |
| • typical                                  | 300 000           |
| Equipment marking                          |                   |

- acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750
- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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#### Safety related data:

|                                                                           |         |
|---------------------------------------------------------------------------|---------|
| <b>B10 value</b>                                                          |         |
| • with high demand rate acc. to SN 31920                                  | 50 000  |
| <b>Proportion of dangerous failures</b>                                   |         |
| • with low demand rate acc. to SN 31920                                   | 20 %    |
| • with high demand rate acc. to SN 31920                                  | 20 %    |
| <b>Failure rate [FIT]</b>                                                 |         |
| • with low demand rate acc. to SN 31920                                   | 100 FIT |
| <b>T1 value for proof test interval or service life acc. to IEC 61508</b> | 20 y    |

#### Ambient conditions:

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

#### Installation/ mounting/ dimensions:

|                                          |                |
|------------------------------------------|----------------|
| <b>Mounting type</b>                     | front mounting |
| <b>Shape of the installation opening</b> | round          |
| <b>Mounting diameter</b>                 | 22 mm          |
| <b>Mounting height</b>                   | 64 mm          |
| <b>Installation width</b>                | 28.5 mm        |
| <b>Installation depth</b>                | 29 mm          |

#### Certificates/approvals

##### General Product Approval



##### Declaration of Conformity

##### Shipping Approval

##### Shipping Approval

##### other



[Bestätigungen](#)

## Further information

### **Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

### **Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3500-4PD01-Z B01>

### **Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3500-4PD01-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3500-4PD01-Z B01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3500-4PD01-Z B01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3500-4PD01-Z B01&lang=en)

last modified:

08/18/2016