

22MM METAL ROUND ACTUATOR: BKS KEY-OPER.SWITCH  
WITH 2 KEYS LATCHING 2 SWITCH POSITIONS O-I LOCK NO S1,  
REMOVAL POS. O WITH HOLDER NOTE: BKS LOCKS E1 - E27  
SUPPLIED WITHOUT KEYS



Figure similar

|                                             |                     |
|---------------------------------------------|---------------------|
| 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               | 2                   |
| Switch position for key distraction         | O                   |
| Actuating angle                             |                     |
| • clockwise                                 | 50°                 |
| Lock make                                   | BCS                 |

|                                     |          |
|-------------------------------------|----------|
| <b>Front ring:</b>                  |          |
| <b>Product component front ring</b> | Yes      |
| <b>Design of the front ring</b>     | Standard |
| <b>Material of the front ring</b>   | metal    |
| <b>Color of the front ring</b>      | silver   |

|                               |       |
|-------------------------------|-------|
| <b>Holder:</b>                |       |
| <b>Material of the holder</b> | Metal |

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| <b>General technical data:</b>                                      |                   |
| <b>Product function</b>                                             |                   |
| • EMERGENCY OFF function                                            | No                |
| • EMERGENCY STOP function                                           | No                |
| <b>Protection class IP</b>                                          | IP67              |
| <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>Equipment marking</b>                                            |                   |
| • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | S                 |
| • acc. to DIN EN 61346-2                                            | S                 |
| • acc. to DIN EN 81346-2                                            | S                 |

|                                                       |                 |
|-------------------------------------------------------|-----------------|
| <b>Connections/ Terminals:</b>                        |                 |
| <b>Tightening torque of the screws in the bracket</b> | 1.4 ... 1.6 N·m |

|                                                                  |                |
|------------------------------------------------------------------|----------------|
| <b>Ambient conditions:</b>                                       |                |
| <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            |

|                                            |                |
|--------------------------------------------|----------------|
| <b>Installation/ mounting/ dimensions:</b> |                |
| <b>Mounting type</b>                       | front mounting |
| <b>Shape of the installation opening</b>   | round          |
| <b>Mounting diameter</b>                   | 22 mm          |
| <b>Mounting height</b>                     | 61 mm          |
| <b>Installation width</b>                  | 28.5 mm        |
| <b>Installation depth</b>                  | 29 mm          |

|                               |  |
|-------------------------------|--|
| <b>Certificates/approvals</b> |  |
|-------------------------------|--|

| General Product Approval                                                                 | Declaration of Conformity                                                                | Test Certificates                                                                             | Shipping Approval                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>CSA | <br>EAC | <br>EG-Konf. | <a href="#">spezielle Prüfbescheinigungen</a><br>n<br><br>ABS<br><br>DNV |

| Shipping Approval                                                                                                                                                                                                                                                                 | other                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <br>LRS<br><br>PRS<br><br>RINA | <a href="#">sonstig</a><br><a href="#">Umweltbestätigung</a><br><a href="#">Bestätigungen</a> |

#### 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=3SB3500-5AD01>

**Cax online generator**

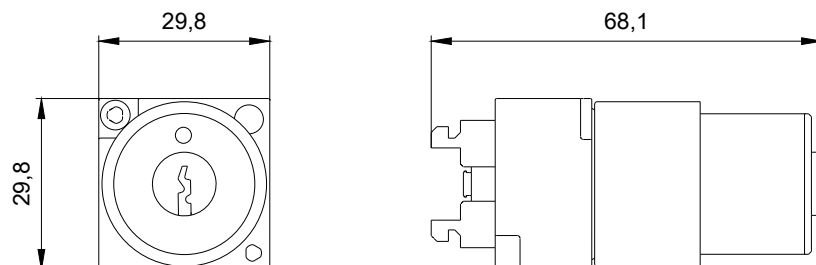
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3500-5AD01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3500-5AD01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3500-5AD01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3500-5AD01&lang=en)



W9.4444; 3SB3500-5AD01\_ALL

last modified:

10/28/2016