

22MM METAL ROUND ACTUATOR: BKS KEY-OPER.SWITCH  
WITH 2 KEYS RIGHT LATCH.,LE.MOMEN.CONT.TYPE 3 SWITCH  
POSITIONS I-O-II LOCK NO S1, REMOVAL POS. II WITH HOLDER  
Z= 20 UNITS PACKED 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 | Momentary contact (left), latching (right) |
| 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         | II                                         |
| Actuating angle                             |                                            |
| • clockwise                                 | 50°                                        |
| • anticlockwise                             | 50°                                        |

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| Lock make                                                           | BCS               |
| 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            |
| Holder:                                                             |                   |
| Material of the holder                                              | Metal             |
| 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 | S                 |
| • acc. to DIN EN 61346-2                                            | S                 |
| • acc. to DIN EN 81346-2                                            | S                 |
| Connections/ Terminals:                                             |                   |
| Tightening torque of the screws in the bracket                      | 1.4 ... 1.6 N·m   |
| Ambient conditions:                                                 |                   |
| Ambient temperature                                                 |                   |
| • during operation                                                  | -25 ... +70 °C    |
| • during storage                                                    | -40 ... +80 °C    |
| Environmental category during operation acc. to IEC 60721           | 3K6               |
| Installation/ mounting/ dimensions:                                 |                   |
| Mounting type                                                       | front mounting    |
| Shape of the installation opening                                   | round             |
| Mounting diameter                                                   | 22 mm             |
| Mounting height                                                     | 61 mm             |
| Installation width                                                  | 28.5 mm           |
| Installation depth                                                  | 29 mm             |
| Certificates/approvals                                              |                   |

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

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

| other                             |
|-----------------------------------|
| <a href="#">Umweltbestätigung</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=3SB3500-5GD31-Z X90>

##### Cax online generator

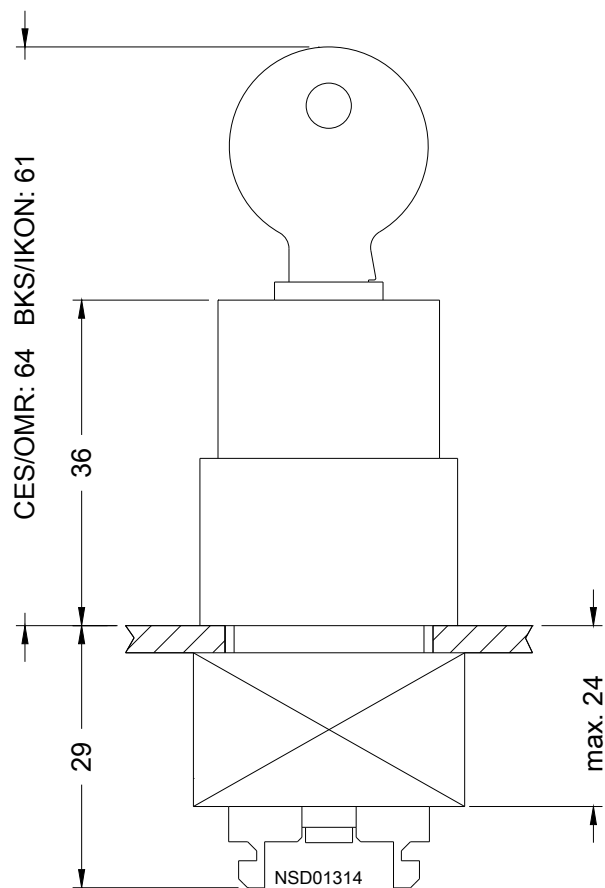
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3500-5GD31-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3500-5GD31-Z X90>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3500-5GD31-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3500-5GD31-Z X90&lang=en)



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