



22MM METAL ROUND ACTUATOR: BKS KEY-  
OPER.SWITCH WITH 2 KEYS LATCHING 3 SWITCH  
POSITIONS I-O-II LOCK NO S1,  
REMOVAL POS. II WITH HOLDER

| Actuator:                                     |    |                     |
|-----------------------------------------------|----|---------------------|
| Design of the product                         |    | Single device round |
| Design of the operating mechanism             |    | Key-operated switch |
| External diameter / of the activation element | mm | 28.5                |
| Functionality / of the actuator               |    | Latching            |
| Type of unlocking device                      |    | key unlatching      |
| Color / of the activation element             |    | Silver              |
| Material / of the activation element          |    | metal               |
| Make of the lock                              |    | BCS                 |
| Number of switching positions                 |    | 3                   |
| Switch position for key distraction           |    | II                  |
| Actuating angle                               |    |                     |
| • clockwise                                   | °  | 50                  |
| • anticlockwise                               | °  | 50                  |
| Product component / front ring                |    | Yes                 |
| Material / of the front ring                  |    | metal               |
| Color / of the front ring                     |    | silver              |
| Design of the front ring                      |    | Standard            |
| Product function / EMERGENCY STOP function    |    | No                  |

**Holder:****Material / of the holder**

Metal

**General technical data:****Resistance against shock**

- for devices without incandescent lamp / according to IEC 60068-2-27

&lt;= 50g

**Resistance against vibration / according to IEC 60068-2-6**

20 ... 200 Hz: 5g

**Operating cycles / maximum**

1/h

1,000

**Mechanical operating cycles as operating time / typical**

300,000

**Product extension / optional / fluorescent materials**

No

**Reference code**

- according to DIN EN 61346-2
- according to DIN 40719 extended according to IEC 204-2 / according to IEC 750

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**Tightening torque / of the screws in the bracket / maximum**

N·m

1

**Ambient temperature**

- during operating
- during storage

°C

-25 ... +70

°C

-40 ... +80

**Protection class IP**

IP67

**climatic class / during the operating phase / according to EN 60721**

3K6

**Mounting type**

front mounting

**Shape / of the installation hole**

round

**Installation width**

mm

28.5

**Mounting diameter**

mm

22

**Mounting height**

mm

61

**Mounting depth**

mm

29

**Certificates/ approvals:****General Product Approval****Declaration of  
Conformity****Test Certificates**

CSA



UL



EG-Konf.

[Special Test  
Certificate](#)
**Shipping Approval**

ABS



DNV



LRS



PRS



RINA

**other**
[Confirmation](#)
[other](#)
[Environmental  
Confirmations](#)

#### Further information:

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

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

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

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

##### Cax online generator

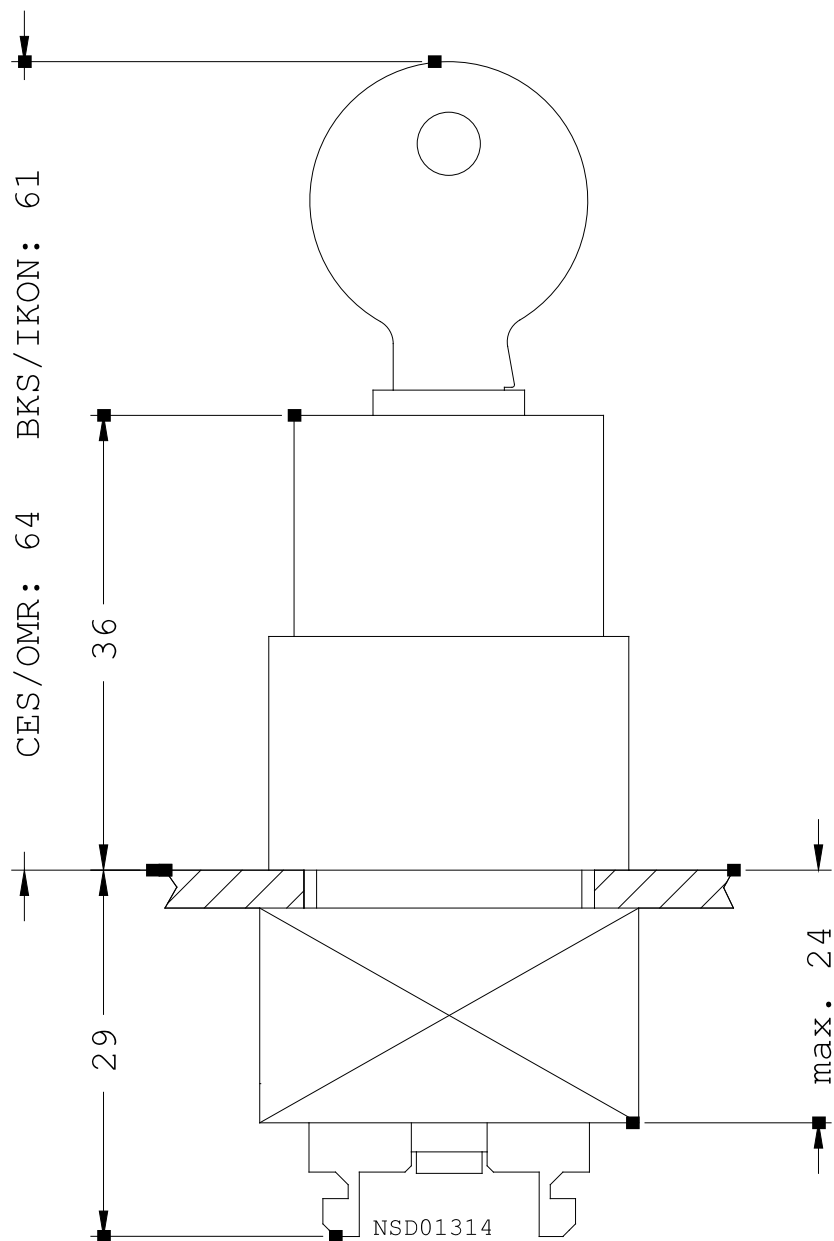
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3500-5DD31/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3500-5DD31](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-5DD31)



last change:

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