



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

<= 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

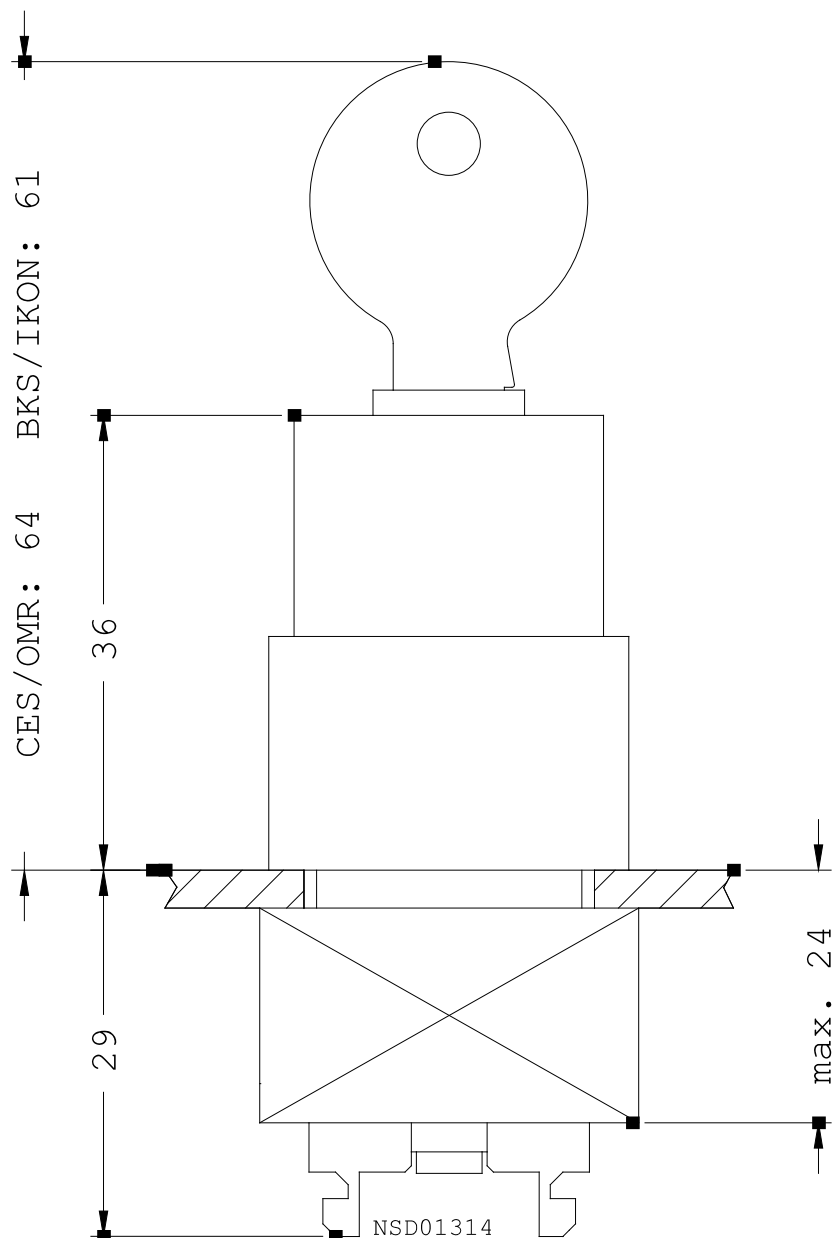
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3500-5DD21/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-5DD21



last change:

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