

ACTUATOR, ROUND KEY SWITCH, BKS, O-I WITH 2 KEYS,  
LATCHING ON THE RIGHT W/HOLDER LOCK NO. S1, I W/O  
HOLDER NOTE: BKS LOCKS E1 - E27 SUPPLIED WITHOUT KEYS

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	29.5 mm
Type of unlocking device	key unlatching
Number of switching positions	2
Switch position for key distraction	I
Actuating angle	
• clockwise	50°
Lock make	BCS

### Front ring:

Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black

### General technical data:

Product function	
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
Protection class IP	IP66
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

S  
S  
S




#### 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>	61 mm
<b>Installation width</b>	28.5 mm
<b>Installation depth</b>	29 mm

#### Certificates/approvals

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

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

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=3SB3000-5AD21-Z B01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3000-5AD21-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3000-5AD21-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=3SB3000-5AD21-Z B01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3000-5AD21-Z B01&lang=en)

last modified:

08/18/2016