

Key-operated switch, 16 mm, round, plastic, CES, SB2, 3 switch positions I>O<II, momentary contact type, Retraction from left and right, Actuating angle 2 x 50 degree, key removal O, possible special locks: SB3, SB4, SB5



Figure similar

Product brand name	SIRIUS
Product designation	Key-operated switches
Design of the product	Single device round
Product type designation	3SB2

Enclosure	
Number of command points	1

Actuator	
Design of the operating mechanism	Key-operated switch
Manner of function of the actuating element	momentary contact type
Product extension optional Light source	No
Material of the actuating element	plastic
Outer diameter of the actuating element	19 mm
Type of unlocking device	without
Number of switching positions	3
Switch position for key distraction	O
Actuating angle	50°
• clockwise	

• anticlockwise	50°
Lock make	CES
<b>Front ring</b>	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black
<b>Holder</b>	
Material of the holder	Plastic
<b>General technical data</b>	
<b>Product function</b>	
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
Protection class IP	IP65
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
Operating frequency maximum	1 000 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	300 000
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S
<b>Connections/ Terminals</b>	
Tightening torque of the screws in the bracket	0.4 N·m
<b>Ambient conditions</b>	
<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6
<b>Installation/ mounting/ dimensions</b>	
Mounting type	front panel mounting
Shape of the installation opening	round
Mounting diameter	16 mm
Mounting height	20 mm
Installation width	19 mm
Installation depth	50 mm
<b>Certificates/ approvals</b>	

General Product Approval		Declaration of Conformity		Test Certificates
				<a href="#">Miscellaneous</a> <a href="#">Special Test Certificate</a>

Test Certificates	other	Railway
<a href="#">Miscellaneous</a>	<a href="#">Confirmation</a>	<a href="#">Special Test Certificate</a>

**Further information**

**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2000-4QA01>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2000-4QA01>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SB2000-4QA01>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2000-4QA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2000-4QA01&lang=en)

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