



Key-operated switch, 16 mm, round, plastic, CES, SB2, 3 switch positions I-O-II, latching, Actuating angle 2 x 62 degree key removal O, possible special locks: SB3, SB4, SB5

product brand name	SIRIUS
product designation	Key-operated switches
design of the product	Single device round
product type designation	3SB2
<b>Enclosure</b>	
number of command points	1
<b>Actuator</b>	
design of the actuating element	Key-operated switch
principle of operation of the actuating element	latching
product extension optional light source	No
material of the actuating element	plastic
outer diameter of the actuating element	19 mm
type of unlocking device	key unlatching
number of switching positions	3
switch position for key distraction	O
actuating angle	
• clockwise	62°
• anticlockwise	62°
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>	
product function	
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
protection class IP	IP65
vibration resistance according to IEC 60068-2-6	20 ... 200 Hz: 5g
operating frequency maximum	1 000 1/h
mechanical service life (switching cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	07/01/2006
<b>Connections/ Terminals</b>	
tightening torque of the screws in the bracket	0.4 N·m
<b>Ambient conditions</b>	

<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	-25 ... +70 °C -40 ... +80 °C
environmental category during operation according to IEC 60721	3K6

Installation/ mounting/ dimensions	
fastening method	front plate mounting
shape of the installation opening	round
mounting diameter	16 mm
mounting height	20 mm
installation width	19 mm
installation depth	50 mm

#### Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
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[Special Test Certificate](#)

Test Certificates	other
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[Miscellaneous](#)

[Confirmation](#)

#### 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=3SB2000-4PA01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2000-4PA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2000-4PA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2000-4PA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2000-4PA01&lang=en)

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