

keyswitch, 16 mm, round, plastic, CES, 3 switch positions I-O-II, latching, actuating angle 2 x 62 degrees, key removal O, 1 NO, 1 NO

product brand name	SIRIUS
product designation	Key-operated switches
design of the product	Complete unit 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
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	No
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>Contact block/ lampholder</b>	
number of lampholders	0
number of switching elements	2
<b>General technical data</b>	
product function	
• positive opening	No
• EMERGENCY STOP function	No
type of voltage of the operating voltage	AC/DC
protection class IP	IP65
vibration resistance according to IEC 60068-2-6	20 ... 200 Hz: 5 g
operating frequency maximum	1 000 1/h
mechanical service life (operating cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibitance (day/month/year)	07/01/2006
Net Weight	0.058 kg
operating voltage rated value	5 ... 250 V
<b>Auxiliary circuit</b>	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	2
number of CO contacts for auxiliary contacts	0
operational current at AC-12	
• at 24 V rated value	10 A
• at 60 V rated value	10 A
• at 110 V rated value	10 A

<ul style="list-style-type: none"> <li>• at 230 V rated value</li> </ul>	10 A
<b>operational current at AC-15</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	4 A 4 A 4 A
<b>operational current at DC-12</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 60 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	6 A 5 A 2.5 A 1 A
<b>operational current at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 60 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	3 A 1.2 A 0.7 A 0.3 A

### Connections/ Terminals

<b>type of electrical connection</b>	tab terminals
<b>tightening torque of the screws in the bracket maximum</b>	0.4 N·m

### Ambient conditions

<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

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

### Approvals Certificates

Environment	General Product Approval
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[Environmental Con-  
firmations](#)



### Test Certificates

[Miscellaneous](#)

[Type Test Certific-  
ates/Test Report](#)

[Special Test Certific-  
ate](#)

[Confirmation](#)



### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SB2210-4PA01>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2210-4PA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2210-4PA01>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2210-4PA01&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2210-4PA01&lang=en)

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