



Key-operated switch, 16 mm, round, plastic, CES, 3 switch positions I>O<II, momentary contact type, Retraction from left and right, Actuating angle 2 x 50 degree, 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	momentary contact type
product extension optional light source	No
material of the actuating element	plastic
type of unlocking device	without
number of switching positions	3
switch position for key distraction	O
actuating angle	
• clockwise	50°
• anticlockwise	50°
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: 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

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
<b>operational current at AC-12</b>	
• at 24 V rated value	10 A
• at 60 V rated value	10 A
• at 110 V rated value	10 A
• at 230 V rated value	10 A
<b>operational current at AC-15</b>	
• at 24 V rated value	4 A
• at 110 V rated value	4 A
• at 230 V rated value	4 A
<b>operational current at DC-12</b>	
• at 24 V rated value	6 A
• at 60 V rated value	5 A
• at 110 V rated value	2.5 A
• at 230 V rated value	1 A
<b>operational current at DC-13</b>	
• at 24 V rated value	3 A
• at 60 V rated value	1.2 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A
<b>Connections/ Terminals</b>	
type of electrical connection	tab terminals
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 according to IEC 60721	3K6
<b>Installation/ mounting/ dimensions</b>	
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
<b>Certificates/ approvals</b>	
General Product Approval	Declaration of Conformity



Test Certificates

other

[Special Test Certificate](#)

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[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=3SB2210-4QA01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2210-4QA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2210-4QA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2210-4QA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2210-4QA01&lang=en)

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