

Key-operated switch, 16 mm, round, plastic, CES, 3 switch positions I-O-II, latching, Actuating angle 2 x 62 degree, Key removal I+O+II, 1 NO, 1 NO



Figure similar

Product brand name	SIRIUS
Product designation	Key-operated switches
Design of the product	Complete unit 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	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	I+O+II
Actuating angle	
• clockwise	62°
• anticlockwise	62°

Lock make	CES
Front ring	
Product component front ring	No
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black
Holder	
Material of the holder	Plastic
Contact block/ lampholder	
Number of lampholders	0
Number of switching elements	2
General technical data	
Product function	
• positive opening	No
• EMERGENCY STOP function	No
Type of voltage	
• of the operating voltage	AC/DC
Protection class IP	IP65
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
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
Operating voltage	
• rated value	5 ... 250 V
Auxiliary circuit	
Number of NC contacts for auxiliary contacts	0
Number of NO contacts for auxiliary contacts	2
Number of CO contacts	
• for auxiliary contacts	0
Operating 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
• at 230 V rated value	10 A
Operating current at AC-15	
• at 24 V rated value	4 A

• at 110 V rated value	4 A
• at 230 V rated value	4 A
Operating current at DC-12	
• 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
Operating current at DC-13	
• 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

Connections/ Terminals

Type of electrical connection	tab terminals
Tightening torque of the screws in the bracket	0.4 N·m

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6

Installation/ mounting/ dimensions

Mounting type	front 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
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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2210-4PB01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2210-4PB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2210-4PB01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2210-4PB01&lang=en

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