

KEYSWITCH, 16MM, ROUND, PLASTIC, CES, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X62 DEGREES KEY REMOVAL O, 1NO, 1NO

Design of the product	Complete unit round
-----------------------	---------------------

### Enclosure:

Number of command points	1
--------------------------	---

### Actuator:

Design of the operating mechanism	Key-operated switch
Manner of function of the actuating element	Latching
Product expansion 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

### 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
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
<b>Protection class IP</b>	IP65
<b>Equipment marking</b>	
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S

#### Auxiliary circuit:

<b>Number of NC contacts</b>	
• for auxiliary contacts	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	2
<b>Number of CO contacts</b>	
• for auxiliary contacts	0
<b>Operating 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

#### Connections/ Terminals:

<b>Type of electrical connection</b>	tab terminals
--------------------------------------	---------------




#### Ambient conditions:

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

#### Installation/ mounting/ dimensions:

<b>Mounting type</b>	front mounting
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	16 mm

#### Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 CCC		 EG-Konf.	<a href="#">spezielle Prüfbescheinigungen</a> <a href="#">n</a>
			<a href="#">sonstig</a>
			<a href="#">Bestätigungen</a>

other
<a href="#">Umweltbestätigung</a>

### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB22104PA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB22104PA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB22104PA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB22104PA01&lang=en)

last modified:

17.07.2015