

22MM PLASTIC ROUND ACTUATOR: CES KEY-OPER.SWITCH WITH 2 KEYS 2 SWITCH POSITIONS O-I MOMENTARY CONTACT TYPE LOCK NO SSG 10, REMOVAL POS. O WITH HOLDER



Figure similar

<b>Design of the product</b>	Single device round
<b>Enclosure</b>	
<b>Number of command points</b>	1
<b>Actuator</b>	
<b>Design of the operating mechanism</b>	Key-operated switch
<b>Manner of function of the actuating element</b>	Momentary contact type
<b>Product extension optional Light source</b>	No
<b>Color</b>	
• of the actuating element	Silver
<b>Material of the actuating element</b>	metal
<b>Outer diameter of the actuating element</b>	28.5 mm
<b>Type of unlocking device</b>	key unlatching
<b>Number of switching positions</b>	2
<b>Switch position for key distraction</b>	O
<b>Actuating angle</b>	
• clockwise	50°
<b>Lock make</b>	CES

Front ring	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black

Holder	
Material of the holder	Plastic

General technical data	
<b>Product function</b>	
<ul style="list-style-type: none"> <li>EMERGENCY OFF function</li> </ul>	No
<ul style="list-style-type: none"> <li>EMERGENCY STOP function</li> </ul>	No
<b>Protection class IP</b>	IP66
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>acc. to IEC 60068-2-6</li> </ul>	20 ... 200 Hz: 5g
<b>Operating frequency maximum</b>	1 000 1/h
<b>Mechanical service life (switching cycles)</b>	
<ul style="list-style-type: none"> <li>typical</li> </ul>	300 000
<b>Equipment marking</b>	
<ul style="list-style-type: none"> <li>acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</li> </ul>	S
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>	S
<ul style="list-style-type: none"> <li>acc. to DIN EN 81346-2</li> </ul>	S

Connections/Terminals	
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m






Safety related data	
<b>B10 value</b>	
<ul style="list-style-type: none"> <li>with high demand rate acc. to SN 31920</li> </ul>	100 000
<b>Proportion of dangerous failures</b>	
<ul style="list-style-type: none"> <li>with low demand rate acc. to SN 31920</li> </ul>	20 %
<ul style="list-style-type: none"> <li>with high demand rate acc. to SN 31920</li> </ul>	20 %
<b>Failure rate [FIT]</b>	
<ul style="list-style-type: none"> <li>with low demand rate acc. to SN 31920</li> </ul>	100 FIT
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	20 y

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

## Installation/ mounting/ dimensions

Mounting type	front mounting
Shape of the installation opening	round
Mounting diameter	22 mm
Mounting height	64 mm
Installation width	28.5 mm
Installation depth	29 mm

## Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CSA	 UL	 EAC	 EG-Konf.
		<a href="#">spezielle Prüfbescheinigung</a> <a href="#">n</a>	 ABS

Shipping Approval	other
 DNV	 LRS
 PRS	 RINA
	<a href="#">Umweltbestätigung</a>
	<a href="#">sonstig</a>

other
<a href="#">Bestätigungen</a>

## Further information

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

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SB3000-4MD01>

**Cax online generator**

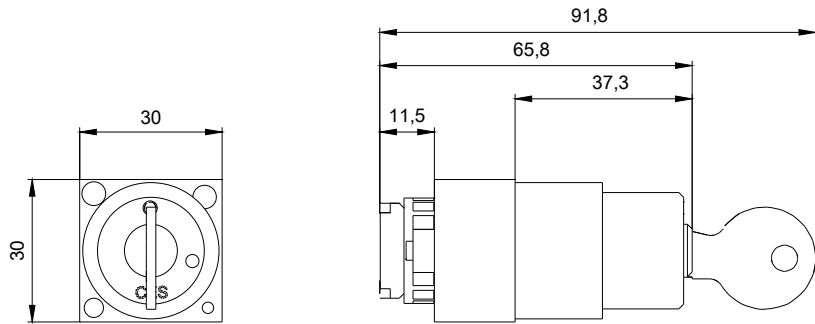
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SB3000-4MD01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3000-4MD01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SB3000-4MD01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SB3000-4MD01&lang=en)



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