

RONIS KEY-OPERATED SWITCH, 22MM, ROUND, PLASTIC, LOCK NO. SB30, WITH 2 KEYS, 2 SWITCH POSITIONS O-I, LATCHING, 10:30H/13:30H, KEY REMOVAL POS. O+I, WITH HOLDER, 1NO, SCREW TERMINAL, POSSIBLE SPECIAL LOCKS: SB31, 421, 455



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Key-operated switch

Actuator:	
Manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
Product expansion optional Light source	No
Color	
• of the actuating element	Silver
Material of the actuating element	metal
Shape of the actuating element	Key
Outer diameter of the actuating element	29.5 mm
Number of contact modules	1
Number of switching positions	2
Switch position for key distraction	O+I
Actuating angle	
• clockwise	90°
Lock make	RONIS
Key number	SB30

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
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#### General technical data:

<b>Product function</b>	
• positive opening	No
<b>Product component</b>	
• Light source	No
<b>Insulation voltage</b>	
• Rated value	500 V
<b>Surge voltage resistance Rated value</b>	6 kV
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>Degree of pollution</b>	3
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating frequency maximum</b>	1 800 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	1 000 000
<b>Electrical endurance (switching cycles)</b>	
• typical	10 000 000
<b>Thermal current</b>	10 A
<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
<b>Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required</b>	gG / Dz 10 A, quick-acting / Dz 10 A

#### Power Electronics:

<b>Contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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#### Auxiliary circuit:

<b>Design of the contact of the auxiliary contacts</b>	Silver alloy
<b>Number of NC contacts</b>	

• for auxiliary contacts	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	1
<b>Number of CO contacts</b>	
• for auxiliary contacts	0

#### Connections/ Terminals:

<b>Type of electrical connection</b>	
• of modules and accessories	Screw-type terminal
<b>Tightening torque</b>	
• for auxiliary contacts with screw-type terminals	0.8 ... 0.9 N·m

#### 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, 3C3, 3S2, 3M6

#### Installation/ mounting/ dimensions:

<b>Mounting type</b>	
• of modules and accessories	Front plate mounting
<b>Height</b>	40 mm
<b>Width</b>	30 mm
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22 mm
<b>Mounting height</b>	49.4 mm
<b>Installation width</b>	29.5 mm
<b>Installation depth</b>	49.7 mm

#### Certificates/ approvals:

<b>For use in hazardous locations</b>	<b>Declaration of Conformity</b>	<b>other</b>
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EG-Konf.

#### 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**

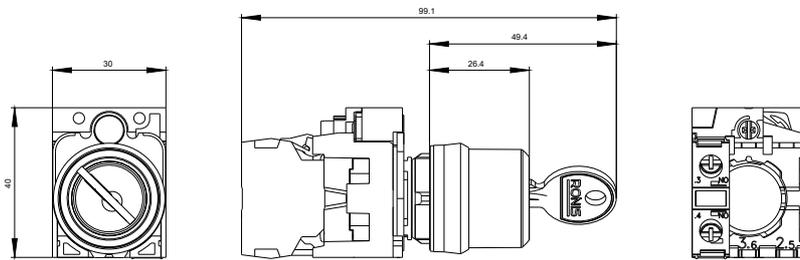
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU11004BF111BA0>

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

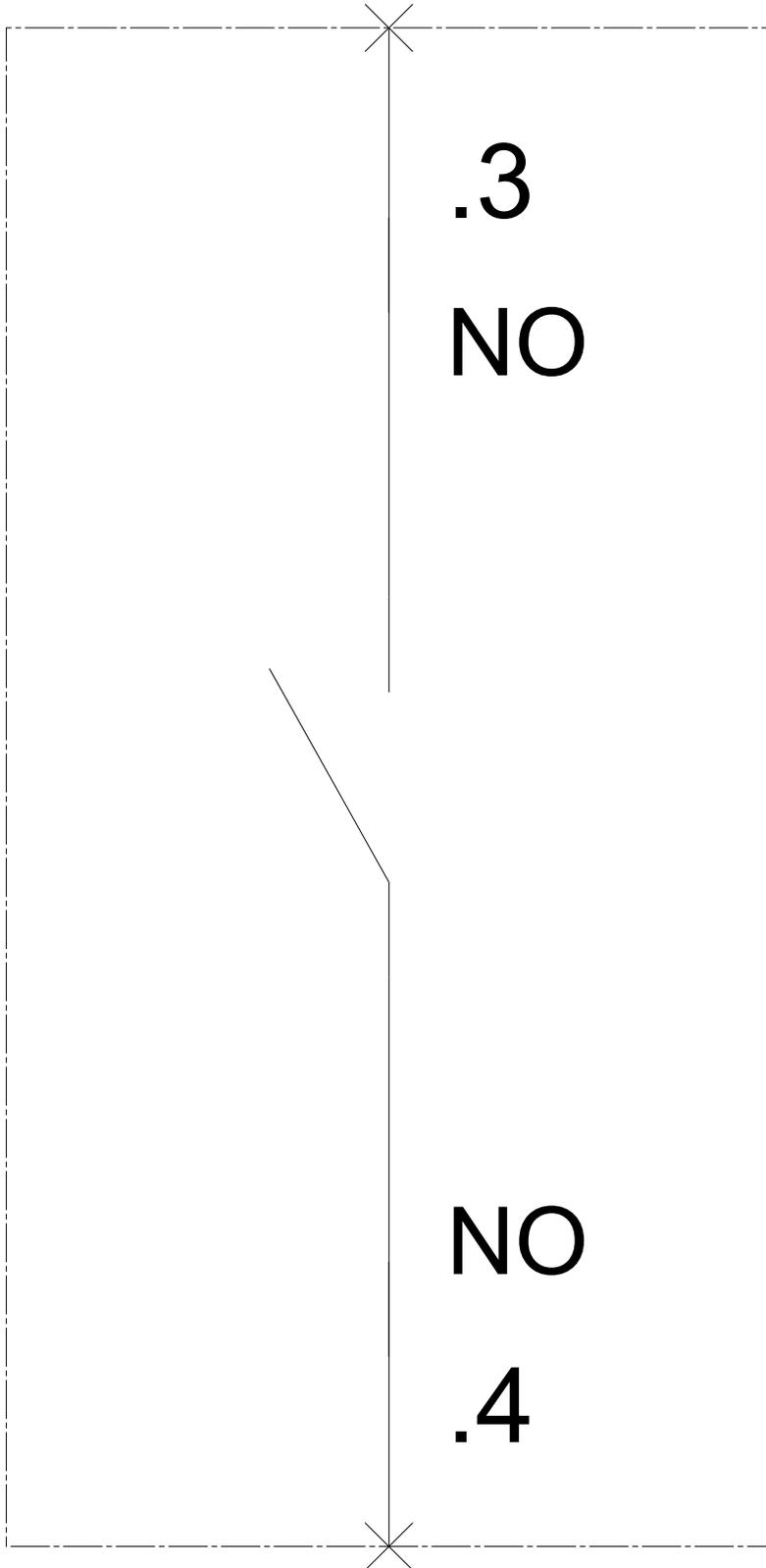
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU11004BF111BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU11004BF111BA0&lang=en)



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