

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



product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Key-operated switch
Manufacturer's article number	
<ul style="list-style-type: none"> • of supplied contact module • of the supplied holder • of the supplied actuator 	<p>3SU1400-1AA10-1BA0</p> <p>3SU1500-0AA10-0AA0</p> <p>3SU1000-4BF11-0AA0</p>

Enclosure:	
Number of command points	1

Actuator:	
Manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
Product extension optional Light source	No
Color	
<ul style="list-style-type: none"> • 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:

Product function	
• positive opening	No
Product component	
• Light source	No
Insulation voltage	
• rated value	500 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• 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
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	
• typical	1 000 000
Electrical endurance (switching cycles)	
• typical	10 000 000
Thermal current	10 A
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Continuous current of the C characteristic MCB	10 A

Continuous current of the quick DIAZED fuse link	10 A
Continuous current of the DIAZED fuse link gG	10 A
Main circuit:	
Operating voltage	5 ... 500 V
• rated value	
Power Electronics:	
Contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Auxiliary circuit:	
Design of the contact of auxiliary contacts	Silver alloy
Number of NC contacts	0
• for auxiliary contacts	
Number of NO contacts	1
• for auxiliary contacts	
Number of CO contacts	0
• for auxiliary contacts	
Connections/ Terminals:	
Type of electrical connection	Screw-type terminal
• of modules and accessories	
Type of connectable conductor cross-sections	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1,0 ... 1,5 mm ²) 2x (18 ... 14)
• solid with core end processing	
• solid without core end processing	
• finely stranded with core end processing	
• finely stranded without core end processing	
• at AWG conductors	
Connectable conductor cross-section	0.5 ... 1.5 mm ²
• finely stranded with core end processing	
Tightening torque of the screws in the bracket	1 ... 1.2 N·m
Tightening torque	0.8 ... 0.9 N·m
• for auxiliary contacts with screw-type terminals	
Ambient conditions:	
Ambient temperature	-25 ... +70 °C
• during operation	
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions:	
Mounting type	Front plate mounting
• of modules and accessories	

Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	49.4 mm
Installation width	29.5 mm
Installation depth	49.7 mm

Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
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CCC



CSA



UL



EG-Konf.

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[gen](#)

Test Certificates	Shipping Approval	other
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[spezielle Prüfbescheinigung](#)
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PRS



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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?mlfb=3SU1100-4BF11-1BA0>

Cax online generator

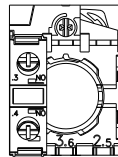
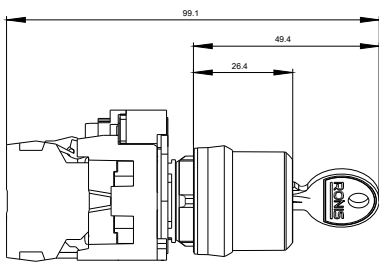
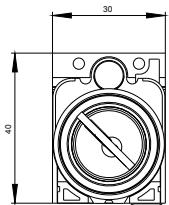
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-4BF11-1BA0>

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

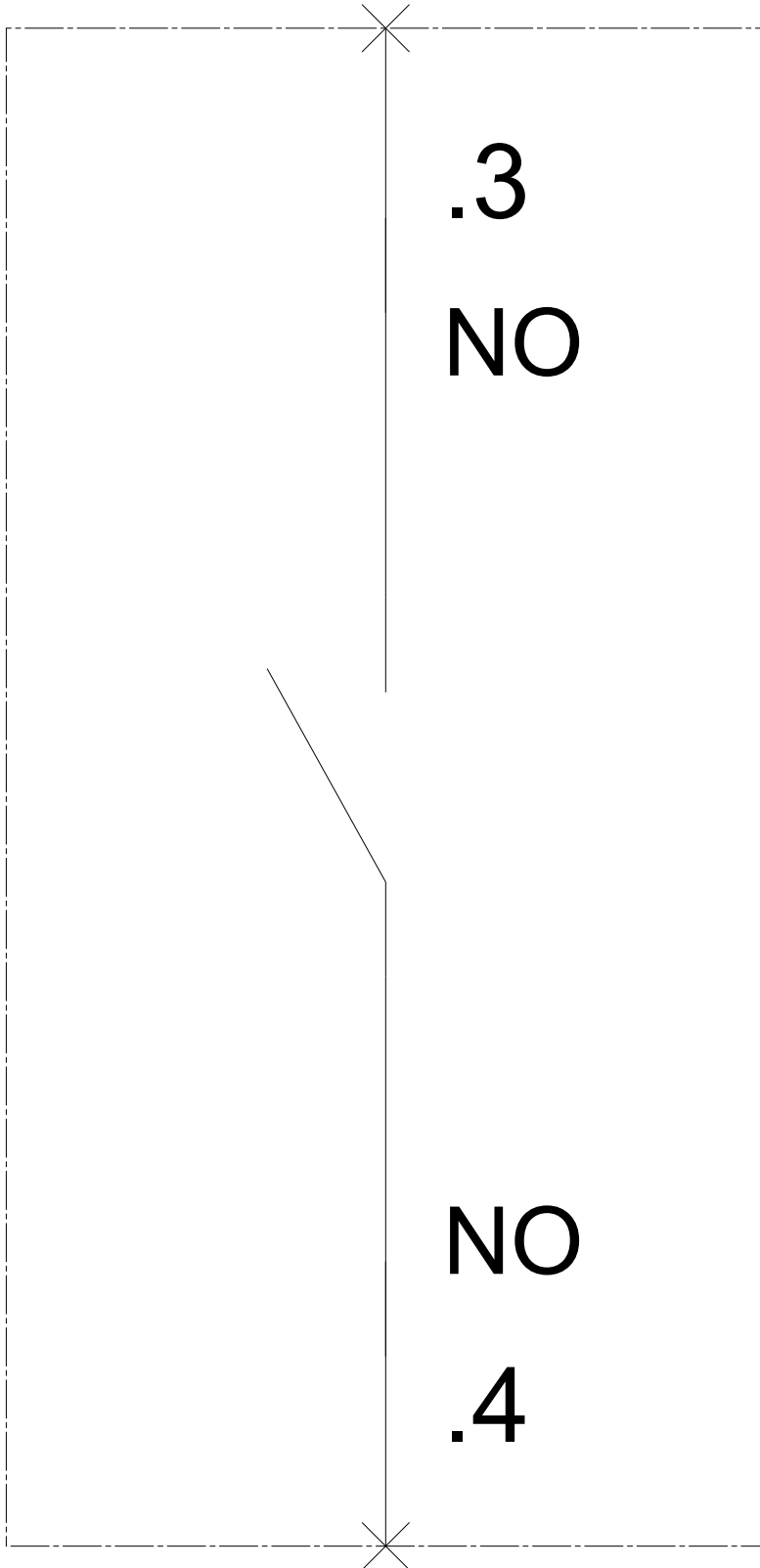
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-4BF11-1BA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-4BF11-1BA0&lang=en



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