

RONIS key-operated switch, 22 mm, round, plastic, lock number SB30, with 2 keys, 2 switch positions O-I, latching, 10:30h/13:30h, key removal O+I, with holder, 1 NO+1 NC, screw terminal, possible special locks: SB31, 421, 455



Figure similar

Product brand name	SIRIUS ACT
Product designation	Key-operated switches
Design of the product	Komplettgerät
Product type designation	3SU1
Manufacturer's article number	
<ul style="list-style-type: none"> • 1 of supplied contact module • of the supplied holder • of the supplied actuator 	3SU1400-1AA10-1FA0 3SU1500-0AA10-0AA0 3SU1000-4BF11-0AA0
Enclosure	
Shape of the enclosure front	round
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	90°
• clockwise	
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

General technical data	
Product function	Yes
• positive opening	
Product component	No
• Light source	
Insulation voltage	500 V
• rated value	
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, 13
Shock resistance	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
• acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	
Vibration resistance	10 ... 500 Hz: 5g Category 1, Class B
• acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373	
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	1 000 000
• typical	
Electrical endurance (switching cycles)	10 000 000
• typical	
Thermal current	10 A
Continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Continuous current of the quick DIAZED fuse link	10 A

Continuous current of the DIAZED fuse link gG	10 A
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)
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Auxiliary circuit

Design of the contact of auxiliary contacts	Silver alloy
Number of NC contacts	1
• for auxiliary contacts	
Number of NO contacts	1
• for auxiliary contacts	
Number of CO contacts	1
• 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	
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 -40 ... +80 °C
• during operation	
• during storage	
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	71.7 mm

Certificates/approvals

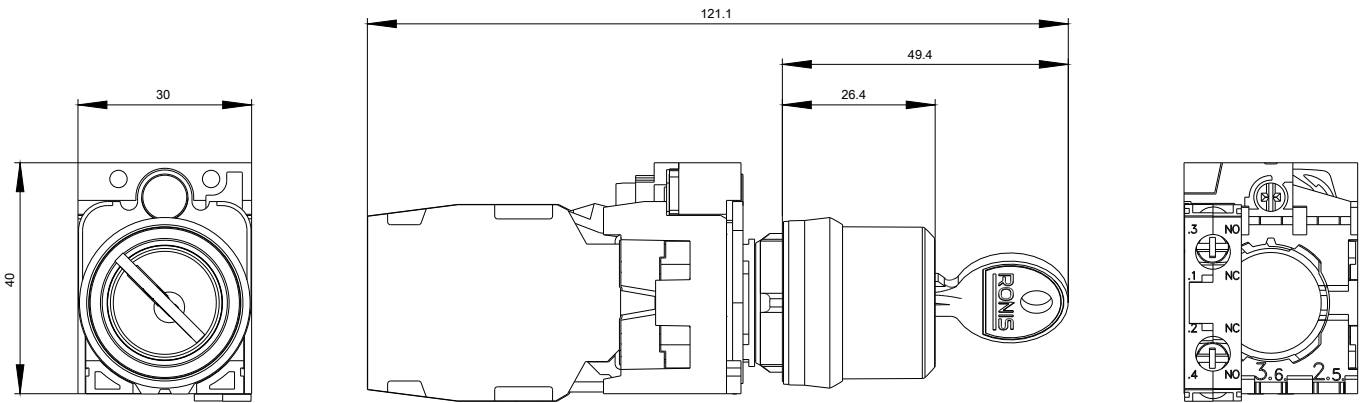
General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 EAC	 EG-Konf.
 CSA	 UL	Declaration of the Compliance with the order

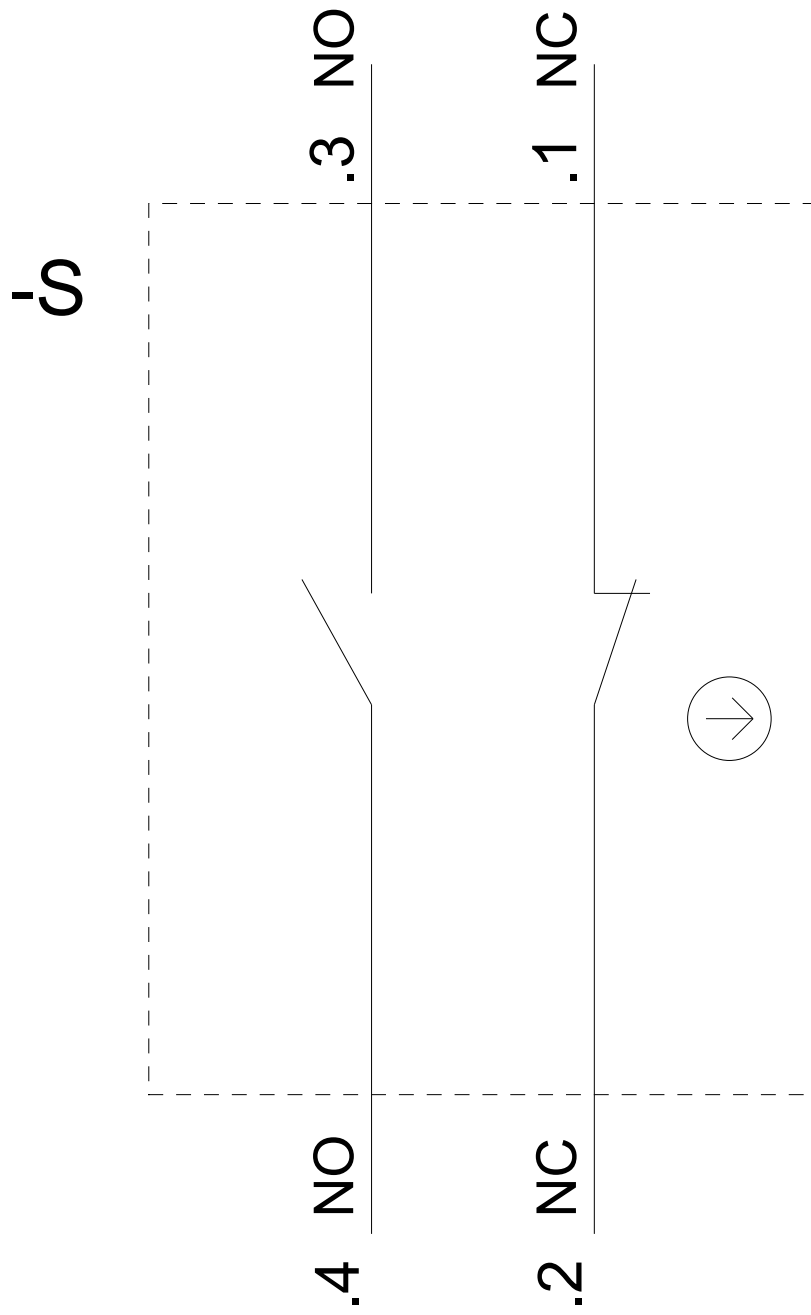
Test Certificates	Marine / Shipping
Special Test Certificate	 ABS
	 LRS
	 PRS
	 RINA
	 RMRS

Marine / Shipping	other
 DNV-GL DNVGL.COM/AF	Confirmation

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=3SU1100-4BF11-1FA0>
- Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-4BF11-1FA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-4BF11-1FA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-4BF11-1FA0&lang=en





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