

RONIS keyswitch, 22 mm, round, plastic with metal front ring, Lock number SB30, with 2 keys, 2 switch positions O-I, latching, 10:30/1:30 o'clock, key removal O+I, with holder, 1 NO+1 NC, spring-type terminal, possible special locks: SB31, 421, 455



product brand name	SIRIUS ACT
product designation	Key-operated switches
design of the product	Complete unit
product type designation	3SU1
product line	Plastic with metal front ring, matt, 22 mm
<ul style="list-style-type: none"> • Manufacturer's article number of included key • Manufacturer's article number of supplied contact module • Manufacturer's article number 1 of supplied contact module • Manufacturer's article number of the supplied holder • Manufacturer's article number of the supplied actuator 	3SU1950-0FB80-0AA0 3SU1400-1AA10-3FA0 3SU1400-1AA10-3FA0 3SU1500-0AA10-0AA0 3SU1030-4BF11-0AA0

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 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	Metal, matt
color of the front ring	sand gray

Holder	
Material of the holder	Plastic

General technical data	
• product function positive opening	Yes
• product component light source	No
insulation voltage	
• rated value	500 V
degree of pollution	3
type of voltage	
• of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• shock resistance acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• Shock resistance for railway applications acc. to DIN EN 61373	Category 1, Class B
• vibration resistance acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• Vibration resistance 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	300 000
• electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A

reference code acc. to DIN EN 81346-2	S
reference code acc. to DIN EN 61346-2	S
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
<ul style="list-style-type: none"> • <ul style="list-style-type: none"> — operating voltage at AC at 50 Hz rated value — operating voltage at AC at 60 Hz rated value • operating voltage at DC <ul style="list-style-type: none"> — rated value 	5 ... 500 V 5 ... 500 V 5 ... 500 V

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 for auxiliary contacts	1
• number of NO contacts for auxiliary contacts	1

Connections/ Terminals	
• Type of electrical connection of modules and accessories	Spring-type terminal
• Type of connectable conductor cross-sections solid without core end processing	2x (0.25 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded with core end processing	2x (0.25 ... 0.75 mm ²)
• Type of connectable conductor cross-sections finely stranded without core end processing	2x (0.25 ... 1.5 mm ²)
• type of connectable conductor cross-sections at AWG conductors	2x (24 ... 16)
Tightening torque of the screws in the bracket	1 ... 1.2 N·m
• tightening torque for auxiliary contacts with screw-type terminals	0.8 ... 0.9 N·m

Ambient conditions	
• ambient temperature during operation	-25 ... +70 °C
• ambient temperature 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 of modules and accessories	Front plate mounting
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



CCC



CSA



UL



EG-Konf.

[Miscellaneous](#)

Test Certificates

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS



PRS



RINA

Marine / Shipping

Marine / Shipping

other

[Confirmation](#)



RMRS

Further information

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1130-4BF11-3FA0>

Cax online generator

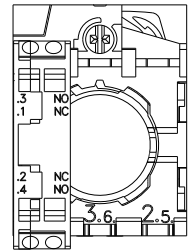
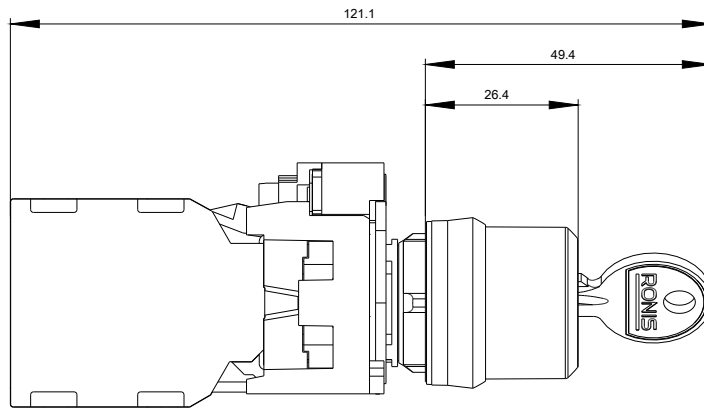
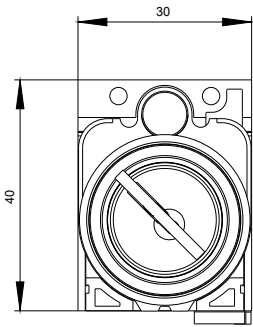
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-4BF11-3FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-4BF11-3FA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-4BF11-3FA0&lang=en





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