



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, screw terminal, possible special locks: SB31, 421, 455

product brand name
product designation
design of the product
product type designation
product line
manufacturer's article number

SIRIUS ACT
Key-operated switches
Complete unit
3SU1
Plastic, black, 22 mm

- of included key
- of supplied contact module
- of supplied contact module at position 1
- of the supplied holder
- of the supplied actuator

[3SU1950-0FB80-0AA0](#)
[3SU1400-1AA10-1BA0](#)
[3SU1400-1AA10-1BA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1000-4BF11-0AA0](#)

Enclosure

shape of the enclosure front round
number of command points 1

Actuator

principle of operation 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 plastic
color of the front ring black

Holder

material of the holder Plastic

General technical data

product function positive opening No
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	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to 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
reference code according to IEC 81346-2	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
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• rated value	5 ... 500 V
• at AC	
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC rated value	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)
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Auxiliary circuit

design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	1

Connections/ Terminals

type of electrical connection	Screw-type terminal
• of modules and accessories	
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1.0 ... 1.5 mm ²)
• at AWG cables	2x (18 ... 14)
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
• during storage	-40 ... +80 °C
environmental category during operation according 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

fastening method	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


[Confirmation](#)


EG-Konf.

Declaration of
Conformity

Test Certificates

Marine / Shipping


[Special Test Certificate](#)
[Type Test Certificates/Test Report](#)


ABS



LRS



PRS

Marine / Shipping

other



RINA



RMRS

[Environmental Confirmations](#)
[Confirmation](#)

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=3SU1100-4BF11-1BA0>

Cax online generator

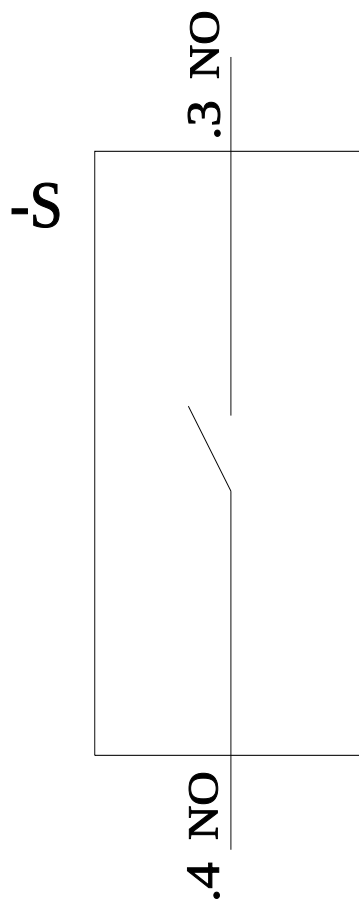
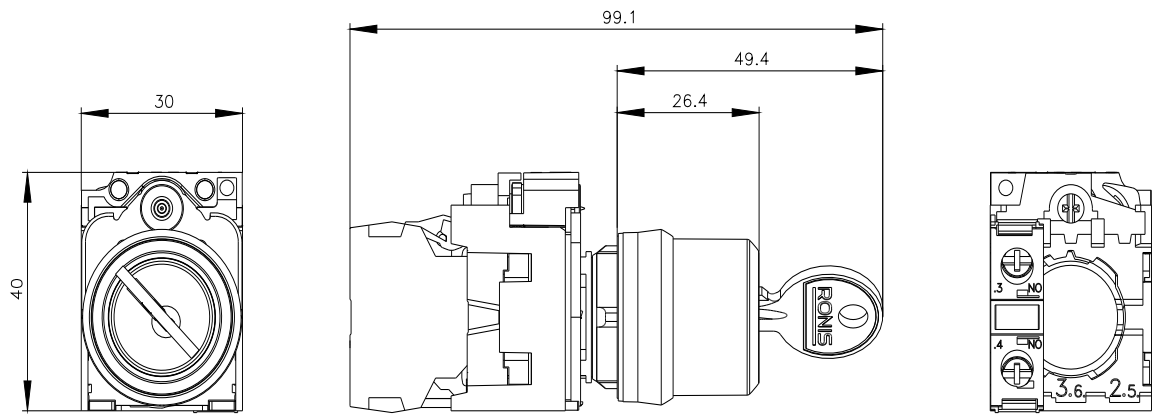
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-4BF11-1BA0>

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



last modified:

1/27/2022

