SIEMENS

Data sheet



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, with holder, 1 NO+1 NC, spring-type terminal, possible special locks: SB31, 421, 455 lower case

product designation design of the product Complete unit Complete unit SU1 product line Metal, shiny, 22 mm manufacturer's article number of included key of supplied contact module of supplied contact module assultation. Assultati	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shin	product designation	Key-operated switches
product line manufacturer's article number • of included key • of supplied contact module • of supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied holder • of the supplied actuator • of the supplied actuator shape of the enclosure front number of command points 1 Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element couter diameter of the actuating element number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle • clockwise 90° lock make RoNis Rey number Sand Sand Sand Sand Sand Sand Sand Sand	design of the product	Complete unit
manufacturer's article number of included key of supplied contact module of supplied contact module at position 1 of the supplied holder of the supplied actuator asultassociation of the supplied actuator asultassociation of the supplied actuator asultassociation of the enclosure front number of command points formula fight source principle of operation of the actuating element product extension optional light source number of the actuating element silver material of the actuating element shape of the actuating element waterial of the actuating element shape of the actuating element sulver material of the actuating element shape of the actuating element Any inscription, text in lower case number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise product component front ring yes design of the front ring Standard	product type designation	3SU1
of included key of supplied contact module of supplied contact module at position 1 of the supplied contact module at position 1 of the supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator sulface actuating element principle of operation of the actuating element principle of operation optional light source color of the actuating element material of the actuating element material of the actuating element silver material of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element number of contact modules number of switching positions 2 switch position for key distraction actuating angle oclockwise lock make RONIS key number Front ring product component front ring design of the front ring Standard	product line	Metal, shiny, 22 mm
of supplied contact module of supplied contact module at position 1 of the supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator Inclosure shape of the enclosure front number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element Any inscription, text in lower case number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise Pront ring product component front ring design of the front ring Yes design of the front ring Standard	manufacturer's article number	
of supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator of the supplied actuator sulfost actual actu	• of included key	3SU1950-0FB80-0AA0
of the supplied holder of the supplied actuator inclosure shape of the enclosure front number of command points Actuator principle of operation of the actuating element product extension optional light source shape of the actuating element material of the actuating element shape of the actuating element shape of the actuating element marking of the actuating element number of contact modules number of switching positions switch position for key distraction actuating angle elockwise lock make key number Pool of the actuating element Sulver metal shape of the actuating element Any inscription, text in lower case number of switching positions 2 switch position for key distraction O+I actuating angle elockwise SB30 Front ring product component front ring design of the front ring Standard	 of supplied contact module 	3SU1400-1AA10-3FA0
• of the supplied actuator Enclosure shape of the enclosure front number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element warking of the actuating element Any inscription, text in lower case number of contact modules number of switching positions switch position for key distraction actuating angle e clockwise lock make key number Front ring product component front ring design of the front ring Standard	 of supplied contact module at position 1 	3SU1400-1AA10-3FA0
Shape of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element metal silver material of the actuating element which is product extension optional light source No color of the actuating element silver material of the actuating element Exp outer diameter of the actuating element Any inscription, text in lower case 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	 of the supplied holder 	3SU1550-0AA10-0AA0
shape of the enclosure front number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element wouter diameter of the actuating element marking of the actuating element Any inscription, text in lower case number of contact modules number of switching positions switch position for key distraction actuating angle clock make RONIS key number Front ring product component front ring design of the front ring Standard	 of the supplied actuator 	3SU1050-4BF11-0AA0
number of command points 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 marking of the actuating element Any inscription, text in lower case number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle	Enclosure	
Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element warking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle oclockwise lock make key number Front ring product component front ring design of the fornt ring Standard	shape of the enclosure front	round
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element warking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of contact modules number of switching positions switch position for key distraction actuating angle oclockwise lock make key number Front ring product component front ring design of the front ring Iatching, 90° (10:30 h/13:30 h) No (10:30 h/13:30 h/13:30 h/13:30 h No (10:30 h/13:30	number of command points	1
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element marking of the actuating element number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise lock make RONIS key number Front ring product component front ring design of the front ring Standard	Actuator	
color of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of contact modules number of switching positions 2 switch position for key distraction actuating angle clockwise 90° lock make RONIS key number SB30 Front ring product component front ring design of the front ring Standard	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
material of the actuating element shape of the actuating element wetal Shape of the actuating element cut diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of contact modules number of switching positions switch position for key distraction actuating angle clockwise lock make RONIS key number Front ring product component front ring design of the front ring Standard	product extension optional light source	No
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of contact modules number of switching positions switch position for key distraction actuating angle clockwise lock make key number Front ring product component front ring design of the front ring Yes Standard	color of the actuating element	silver
outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in lower case number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle 90° lock make RONIS key number SB30 Front ring Yes design of the front ring Standard	material of the actuating element	metal
marking of the actuating element number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle • clockwise 90° lock make RONIS key number SB30 Front ring product component front ring design of the front ring Standard	shape of the actuating element	Key
number of contact modules number of switching positions switch position for key distraction actuating angle • clockwise lock make key number Front ring product component front ring design of the front ring 1 1 1 1 1 1 1 1 1 1 1 1 1	outer diameter of the actuating element	29.5 mm
number of switching positions switch position for key distraction actuating angle oclockwise lock make key number Front ring product component front ring design of the front ring 2 O+I O+I O+I O+I O+I O+I O+I	marking of the actuating element	Any inscription, text in lower case
switch position for key distraction actuating angle • clockwise lock make key number Front ring product component front ring design of the front ring O+I O+I O+I O+I SB30 Front ring Yes Standard	number of contact modules	1
actuating angle	number of switching positions	2
● clockwise 90° lock make RONIS key number SB30 Front ring product component front ring Yes design of the front ring Standard	switch position for key distraction	0+1
lock make RONIS key number SB30 Front ring product component front ring Yes design of the front ring Standard	actuating angle	
key number SB30 Front ring Yes design of the front ring Standard	clockwise	90°
Front ring product component front ring design of the front ring Standard	lock make	RONIS
product component front ring design of the front ring Yes Standard	key number	SB30
design of the front ring Standard	Front ring	
<u> </u>	product component front ring	Yes
material of the front ring Metal, high gloss	design of the front ring	Standard
	material of the front ring	Metal, high gloss
color of the front ring silver	color of the front ring	silver
Holder	Holder	
material of the holder Metal	material of the holder	Metal
General technical data	General technical data	
product function positive opening Yes	product function positive opening	Yes
product component light source No	product component light source	No

inculation valtage rated value	E00.1/
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
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
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 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)
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	- 1 0 71
 solid without core end processing 	2x (0.25 1.5 mm²)
finely stranded with core end processing	2x (0.25 0.75 mm²)
finely stranded without core end processing	2x (0.25 1.5 mm²)
at AWG cables	2x (24 16)
tightening torque of the screws in the bracket	
	1 1.2 N·m
Ambient conditions	1 1.2 N·m
Ambient conditions	1 1.2 N·m
ambient temperature	
ambient temperature • during operation	-25 +70 °C
 ambient temperature during operation during storage environmental category during operation according to IEC 	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
ambient temperatureduring operationduring storage	-25 +70 °C -40 +80 °C
 ambient temperature during operation during storage environmental category during operation according to IEC 60721 	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting
ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 30 mm
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 30 mm round
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 30 mm round 22.3 mm
ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm 49.4 mm
ambient temperature	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm 49.4 mm 29.5 mm

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=3SU1150-4BF11-3FA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-4BF11-3FA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-4BF11-3FA0-Z Y12

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-4BF11-3FA0-Z Y12&lang=en

last modified: 1/27/2022 🖸