SIEMENS

Data sheet

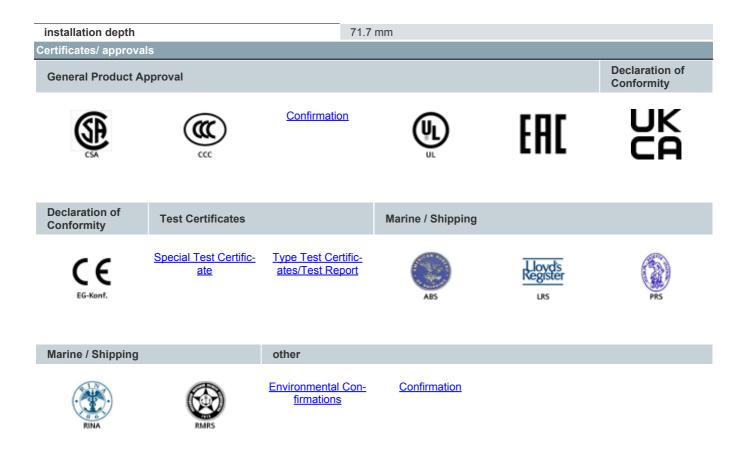
3SU1150-4BF11-1FA0



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

product brand name SIRUS ACT product designation Key-operated switches design of the product Complete unit product type designation 3SU1 product line Metal, shiny, 22 mm manufacturer's article number SU1950-0EB80-0AA0 • of supplied contact module 3SU1950-0EB80-0AA0 • of supplied contact module at position 1 3SU190-1AA10-1EA0 • of supplied contact module at position 1 3SU1905-0AEBE1-0AA0 • of the supplied contact module at position 1 3SU1905-0AEBE1-0AA0 • of the supplied contact module at position 1 3SU1905-0AEBE1-0AA0 • of the supplied contact module at position 1 3SU1905-04EBE1-0AA0 Enclosure Intervention • of the supplied contact module at position 1 SU1905-04EBE11-0AA0 Enclosure Intervention • of the supplied politis 1 Actuator round product extension optional light source No color of the actuating element silver material of the actuating element genematical silver number of contact modules 1 n		
design of the product Complete unit product type designation 3SU1 manufacturer's article number Metal, shiny, 22 mm • of included key 3SU1950-0FB80-0AAQ • of supplied contact module 3SU1400-1AA1Q-1FAQ • of supplied contact module at position 1 3SU1400-1AA1Q-1FAQ • of the supplied bolder 3SU1050-0ABQ • of the supplied contact module at position 1 3SU1050-0ABQ • of the supplied contact module at position 1 3SU1050-0ABQ • of the supplied actuator 3SU1050-0ABQ Enclosure round number of command points 1 Actuator number of the actuating element principle of operation of the actuating element sliver material of the actuating element sliver material of the actuating element Key outer diameter 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° <th>product brand name</th> <th>SIRIUS ACT</th>	product brand name	SIRIUS ACT
product type designation 3SU1 product line Metal, shiny, 22 mm manufacturer's article number 3SU1950-0FB80-0AA0 • of supplied contact module 3SU1400-1AA10-1FA0 • of supplied contact module at position 1 3SU1400-1AA10-1FA0 • of the supplied holder 3SU11050-0AA0 • of the supplied holder 3SU11050-0AA10-0AA0 • of the supplied actuator 3SU1050-0AA10-0AA0 Enclosure stape of the enclosure front shape of the enclosure front round 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 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction O+1 actuating angle 90° • clockwise 90° lock make RONIS key number SB30 Front ring	product designation	Key-operated switches
product line Metal, shiny, 22 mm manufacturer's article number Metal, shiny, 22 mm • of included key 3SU1950-0FB80-0AAQ • of supplied contact module at position 1 3SU1400-1AA10-1FAQ • of the supplied holder 3SU1400-1AA10-1FAQ • of the supplied actuator 3SU1500-0AA10_0AAQ • of the supplied actuator 3SU1500-0AA10_0AAQ shape of the enclosure front round number of command points 1 Actuator number of command points principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product strains optional light source No color of the actuating element silver material of the actuating element silver material of the actuating element So mm number of contact modules 1 number of switching positions 2 switch position for key distraction O+1 actuating angle 0+1 elockwise 90° lock make RONIS key number SB30 Front ring Standard<	design of the product	Complete unit
manufacturer's article number 3SU1950-0FB80-0AAQ • of supplied contact module 3SU1400-1AA10-1FAQ • of supplied contact module at position 1 3SU1400-1AA10-1FAQ • of the supplied contact module at position 1 3SU1400-1AA10-1FAQ • of the supplied contact module at position 1 3SU1400-1AA10-1FAQ • of the supplied contact module at position 1 3SU1500-0AFB10-0AAQ • of the supplied actuator 3SU1500-0AFB10-0AAQ 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 scolar of the actuating element silver material of the actuating element silver number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle 90° • clockwise 90° lock make RONIS key number SB30 Front ring Yes design of the front ring Yes design of the front ring silver Holder Metal General techn	product type designation	3SU1
• of included key3SU 1950-OFB80-0AA0• of supplied contact module3SU 1400-14A10-1FA0• of the supplied holder3SU 1400-1AA10-1FA0• of the supplied holder3SU 1550-0AA10-0FA0• of the supplied actuator3SU 11550-0AA10-0FA0• of the supplied actuator3SU 11550-0AA10-0FA0• of the supplied actuator3SU 11550-0AA10-0FA0• of the supplied actuator1• of the supplied actuator1• of the supplied actuator1• of the actuating elementI actuating element• product extension optional light sourceNo• color of the actuating elementsilver• material of the actuating elementSu 5 mm• number of contact modules1• number of switching positions2• switch position for key distraction0+1• actuating angle-• clockwise90°• lock makeRONISkey numberStandard• product component front ringYes• design of the front ringStandard• material of the holderMetal• design of the front ringStandard• material of the holderMetal• design of the front ringStandard• material of the holderMetal• product function positive opening <t< th=""><th>product line</th><th>Metal, shiny, 22 mm</th></t<>	product line	Metal, shiny, 22 mm
• of supplied contact module 3SU1400-1AA10-1FA0 • of supplied contact module at position 1 3SU1400-1AA10-1FA0 • of the supplied contact 3SU1550-0AA10-0AA0 • of the supplied actuator 3SU1550-0AA10-0AA0 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 material of the actuating element metal shape of for actuating element metal shape of the actuating element metal shape of the actuating element metal shape of the actuating element ges mm number of contact modules 1 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle e. e. lockwise 90° e. lockwise 90° e. lockwise 90° lock make RONIS key number Front ring Yes design of the front ring Metal, high gloss color of the front ring	manufacturer's article number	
of supplied contact module at position 1 of the supplied holder of the supplied actuator if the supplied actuator if the supplied actuator if the enclosure front if the enclosure if the enclosure if the enclosure if the enclosure if the front ring if the front ring	 of included key 	<u>3SU1950-0FB80-0AA0</u>
• of the supplied actuator 3SU1550-0AA10-0AA0 • of the supplied actuator 3SU1050-4BF11-0AA0 Enclosure round 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 silver number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle - • clockwise 90° lock make RONIS key number SB300 Front ring Yes product component front ring Yes design of the front ring Standard material of the holder Metal General technical data - product function positive opening Yes product component light source No	 of supplied contact module 	<u>3SU1400-1AA10-1FA0</u>
• of the supplied actuator 3SU1050-4BF11-0AA0 Enclosure 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 material of the actuating element metal silver material of the actuating element metal shape of the actuating element number of contact modules 1 number of switching positions 2 switch position for key distraction O+1 actuating angle o • clockwise 90° 0 lock make RONIS key number SB30 Front ring Yes design of the front ring Metal, high gloss color of the front ring Yes Metal, high gloss color of the front ring material of the holder General technical data material of the opening Yes product function positive opening Yes	 of supplied contact module at position 1 	<u>3SU1400-1AA10-1FA0</u>
Enclosure shape of the enclosure front round number of command points 1 Actuator	 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>
shape of the enclosure front round number of command points 1 Actuator	 of the supplied actuator 	<u>3SU1050-4BF11-0AA0</u>
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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 0° • clockwise 90° lock make RONIS key number SB30 Front ring Yes product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver Holder Metal general technical data Yes product function positive opening Yes	color of the actuating element	silver
outer diameter of the actuating element29.5 mmnumber of contact modules1number of switching positions2switch position for key distractionO+1actuating angle90°• clockwise90°lock makeRONISkey numberSB30Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverHolderMetalgeneral technical dataYesproduct function positive openingYesproduct component light sourceNo	material of the actuating element	metal
number of contact modules1number of switching positions2switch position for key distractionO+Iactuating angle90°• clockwise90°lock makeRONISkey numberSB30Front ringYesproduct component front ringYesdesign of the front ringMetal, high glosscolor of the front ringsilverHolderMetalmaterial of the holderMetalproduct function positive openingYesproduct function positive openingYesproduct component light sourceNo	shape of the actuating element	Key
number of switching positions 2 switch position for key distraction O+I actuating angle 90° • clockwise 90° lock make RONIS key number SB30 Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder Metal general technical data Yes product function positive opening Yes product function positive opening Yes product component light source No	outer diameter of the actuating element	29.5 mm
switch position for key distraction O+1 actuating angle 90° • clockwise 90° lock make RONIS key number SB30 Front ring Yes design of the front ring Yes design of the front ring Metal, high gloss color of the front ring silver Holder Metal general technical data Yes product function positive opening Yes product component light source No	number of contact modules	1
actuating angle 90° • clockwise 90° lock make RONIS key number SB30 Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder Metal general technical data Yes product function positive opening Yes product component light source No	number of switching positions	2
• clockwise90°lock makeRONISkey numberSB30Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverHolderMetalmaterial of the holderMetalgeneral technical dataYesproduct function positive openingYesproduct component light sourceNo	switch position for key distraction	O+I
lock makeRONISkey numberSB30Front ringFront ringproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverHolderMetalmaterial of the holderMetalproduct function positive openingYesproduct function positive openingYesproduct component light sourceNo	actuating angle	
key numberSB30Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverHolderMetalmaterial of the holderMetalGeneral technical dataYesproduct function positive openingYesproduct component light sourceNo	clockwise	90°
Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder Metal material of the holder Metal General technical data Yes product function positive opening Yes product component light source No	lock make	RONIS
product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder Metal material of the holder Metal General technical data Yes product function positive opening Yes product component light source No	key number	SB30
design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder Metal material of the holder Metal General technical data Yes product function positive opening Yes product component light source No	Front ring	
material of the front ring Metal, high gloss color of the front ring silver Holder Metal material of the holder Metal General technical data Yes product function positive opening Yes product component light source No	product component front ring	Yes
color of the front ring silver Holder Metal material of the holder Metal General technical data product function positive opening product function positive opening Yes product component light source No	design of the front ring	Standard
Holder material of the holder Metal General technical data product function positive opening Yes product component light source No	material of the front ring	Metal, high gloss
material of the holder Metal General technical data Yes product function positive opening Yes product component light source No	color of the front ring	silver
General technical data product function positive opening Yes product component light source No	Holder	
product function positive opening Yes product component light source No	material of the holder	Metal
product component light source No	General technical data	
	product function positive opening	Yes
insulation voltage rated value 500 V	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, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	1, 2, 3, 511, 4, 47, 12, 13
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	Screw-type terminal
type of connectable conductor cross-sections	0 (0.5 0.75
solid with core end processing	$2x (0.5 \dots 0.75 \text{ mm}^2)$
 solid without core end processing finely stranded with core end processing 	2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²)
, , ,	
 finely stranded without core end processing at AWG cables 	2x (1,0 1,5 mm²) 2x (18 14)
tightening torque of the screws in the bracket	2x (18 14) 1 1.2 N·m
tightening torque for auxiliary contacts with screw-type	0.8 0.9 N·m
terminals	
Ambient conditions	
ambient temperature	
•	-25 +70 °C
 during operation 	
 during operation during storage 	-40 +80 °C
• during storage environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
during storage environmental category during operation according to IEC 60721	
during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
during storage environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of modules and accessories	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
during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
• during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width	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
• 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	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
• 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	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
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	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
• 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	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



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=3SU1150-4BF11-1FA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-4BF11-1FA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-4BF11-1FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-4BF11-1FA0&lang=en

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