3SU1100-4BF11-1FA0-Z X90

Data sheet



RONIS key-operated switch, 22 mm, round, plastic, Lock No. SB30, with 2 keys, 2 switch positions O-I, latching, 10:30/1:30 o'clock, key removal O+I, with holder, 1NO+1NC, screw terminals, possible special locks: SB31, 421, 455, Z=20-unit packaging

product designation design of the product product type designation product type designation product type designation 3SU1 Plastic, black, 22 mm 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 actuator stape of the enclosure front number of command points Actuator principle of operation of the actuating element principle of operation of the actuating element material of the actuating element shape of the actuating element material of the actuating element product destinate of the actuating element product of contact modules number of switching positions yet chockwise ock wase product component front ring design of the front ring plastic color of the fornt ring switch position for key distraction actuating angle ock make RONIS Respondent R	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacturer's article number • of included key 3SU1950-0F880-0AA0 • of supplied contact module • of supplied contact module at position 1 3SU1400-1AA10-1FA0 • of the supplied holder • of the supplied actuator • of the supplied actuator * of the supplied actuator * of the supplied actuator * Included the supplied	product designation	Key-operated switches
product line	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 • of the supplied actuator • of the supplied actuator Sul1400-1AA10-1FA0 • of the supplied actuator sabu1400-1AA10-1FA0 • of the supplied actuator Tround number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element saliver material of the actuating element number of contact modules 1 Actuator Actuator Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element saliver material of the actuating element xkey outer diameter of the actuating element 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 design of the front ring design of the front ring material of the front ring black Holder material of the holder Plastic General technical data product function positive opening Yes product component light source No	product type designation	3SU1
of included key of supplied contact module of supplied contact module asu1400-1AA10-1FA0 of supplied contact module at position 1 of the supplied holder of the supplied holder of the supplied actuator of the supplied actuator sulfisso-0AA10-0AA0 of the supplied actuator sulfisso-0AA10-0AA0 of the supplied actuator sulfisso-0AA10-0AA0 of the supplied actuator sulfisso-0AA10-0AA0	product line	Plastic, black, 22 mm
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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 material of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating element number of contact modules number of switching positions 2 switch position for key distraction actuating angle clockwise lock make RONIS key number SB30 Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder General technical data product component light source No	 of the supplied holder 	3SU1550-0AA10-0AA0
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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 couter diameter of the actuating element number of contact modules number of switching positions switch position for key distraction actuating angle clockwise lock make key number sey and product component front ring design of the front ring material of the front ring material of the holder material of the holder material of the holder material of the holder product function positive opening product component light source No No No No (10:30 h/13:30 h) No (10:30 h/13:30 h/13 No (10:	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 couter diameter 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 material of the front ring black Holder material of the holder general technical data product component light source No	Actuator	
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outer diameter of the actuating element 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 design of the front ring material of the front ring black Holder material of the holder General technical data product component light source No	material of the actuating element	metal
number of contact modules number of switching positions switch position for key distraction actuating angle oclockwise lock make RONIS key number Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder material of the holder Plastic General technical data product component light source No	shape of the actuating element	Key
number of switching positions 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 material of the front ring color of the front ring hlock Holder material of the holder Plastic General technical data product component light source No	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle clockwise g0° RONIS key number SB30 Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder Plastic General technical data product component light source No	number of contact modules	1
actuating angle	number of switching positions	2
oclockwise lock make RONIS key number SB30 Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic General technical data product function positive opening product component light source Po° SB30 Yes Plastic Plastic Plastic Plastic Plastic	switch position for key distraction	O+I
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 yes product component light source No	actuating angle	
key number Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic General technical data product function positive opening product component light source No	clockwise	90°
Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic General technical data product function positive opening product component light source No	lock make	RONIS
product component front ring design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic General technical data product function positive opening product component light source Yes No	key number	SB30
design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic General technical data product function positive opening product component light source No	Front ring	
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 Yes product component light source No	product component front ring	Yes
color of the front ring black Holder material of the holder Plastic General technical data product function positive opening Yes product component light source No	design of the front ring	Standard
Holder material of the holder General technical data product function positive opening product component light source No	material of the front ring	plastic
material of the holder General technical data product function positive opening Yes product component light source No	color of the front ring	black
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	Plastic
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, 0, 011, 7, 771, 12, 10
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	Category 1, Class B
according to IEC 60068-2-6	10 500 Hz: 5q
<u> </u>	Category 1, Class B
for railway applications according to EN 61373	1 800 1/h
operating frequency maximum	1 000 000
mechanical service life (switching cycles) typical	
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	5 500 1/
• 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
A	million (5 V, 1 mA)
Auxiliary circuit	Cilver alley
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts 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 5 0 7)
solid with core end processing	2x (0.5 0.75 mm²)
solid without core end processing	2x (1.0 1.5 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²)
finely stranded without core end processing	2x (1,0 1,5 mm²)
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
	-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
0, 0,	
60721	condensation in operation permitted for all devices behind front panel)
60721 Installation/ mounting/ dimensions	condensation in operation permitted for all devices bening from paner)
	condensation in operation permitted for all devices bening from paner)
Installation/ mounting/ dimensions	Front plate mounting
Installation/ mounting/ dimensions fastening method	
Installation/ mounting/ dimensions fastening method • of modules and accessories	Front plate mounting
Installation/ mounting/ dimensions fastening method • of modules and accessories height	Front plate mounting 40 mm
Installation/ mounting/ dimensions fastening method • of modules and accessories height width	Front plate mounting 40 mm 30 mm
Installation/ mounting/ dimensions fastening method of modules and accessories height width shape of the installation opening	Front plate mounting 40 mm 30 mm round

mounting height	49.4 mm
installation width	29.5 mm
installation depth	71.7 mm

Certificates/ approvals

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=3SU1100-4BF11-1FA0-Z X90

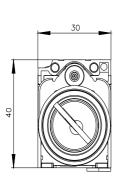
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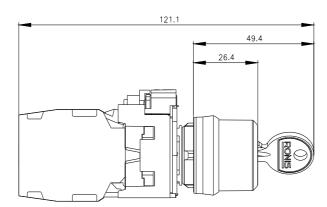
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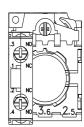
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-4BF11-1FA0-Z X90

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-Z X90&lang=en







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