SIEMENS

Data sheet

3SU1150-4BF11-1BA0-Z X90

RONIS key-operated switches, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 2 switch positions O-I, latching, 90° operating angle, 10:30/1:30 o'clock, key removal O+I, with holder, 1NO, screw terminals, possible special locks: SB31, 421, 455, Z=20-unit packaging

product designation design of the product product type designation product line Metal, shiny, 22 mm manufacturer's article number of included key of supplied contact module of supplied contact module at position 1 of the supplied actuator of the supplied actuator shape of the enclosure front number of command points Actuator principle of operation of the actuating element shape of the actuating element color of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element color of switching positions 2 switch position for key distraction o+l actuating angle occlor of switching positions Saso switch position for key distraction o+l actuating angle occlor of the front ring standard material of the front ring Metal, high gloss color of the front ring sliver Holder	product brand name	SIRIUS ACT
design of the product product type designation product line Metal, shiny, 22 mm Metal, shin		
product type designation product line Metal, shiny, 22 mm Metal, shiny, 22 mm 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 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 color of the actuating element shape of the actuating element shape of the actuating element color of the actuating element shape of the actuating element shape of the actuating element color of the actuating element shape of the actuating element color of the actuating element shape of the actuating element shape of the actuating element color of the actuating element shape of the actuating element shape of the actuating element color of the actuating element shape of the actuating element extension options shape of the actuating element shape of the actuating element extension options shape of the actuating element extension options shape of	-	
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number of contact modules number of switching positions switch position for key distraction actuating angle oclockwise 90° lock make RONIS key number SB30 Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring silver	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 Metal, high gloss color of the front ring silver	outer diameter of the actuating element	29.5 mm
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 Metal, high gloss color of the front ring silver	number of contact modules	1
actuating angle	number of switching positions	2
	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 Metal, high gloss color of the front ring silver	actuating angle	
key number SB30 Front ring 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	• clockwise	90°
Front ring product component front ring design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver	lock make	RONIS
product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring silver	key number	SB30
design of the front ring material of the front ring Metal, high gloss color of the front ring silver	Front ring	
material of the front ring Metal, high gloss color of the front ring silver	product component front ring	Yes
color of the front ring silver	design of the front ring	Standard
	material of the front ring	Metal, high gloss
Holder	color of the front ring	silver
	Holder	
material of the holder Metal	material of the holder	Metal
General technical data	General technical data	
product function positive opening No	product function positive opening	No
product component light source No	product component light source	No
insulation voltage rated value 500 V	insulation voltage rated value	500 V
degree of pollution 3	degree of pollution	3

tune of voltage of the energing voltage	ACIDO
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 (operating cycles) typical	300 000
electrical endurance (operating 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	0
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
Connections/ Terminals type of electrical connection	
	Screw-type terminal
type of electrical connection	Screw-type terminal
type of electrical connection • of modules and accessories type of connectable conductor cross-sections	
type of electrical connection	2x (0.5 0.75 mm²)
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
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type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,8 14) 1 1.2 N·m 0.8 0.9 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,8 14) 1 1.2 N·m 0.8 0.9 N·m -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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)
type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
type of electrical connection	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m -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
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Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1150-4BF11-1BA0-Z X90

Cax online generator

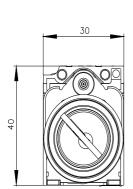
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-4BF11-1BA0-Z X90

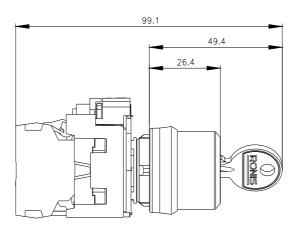
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

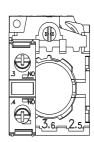
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-4BF11-1BA0-Z X90

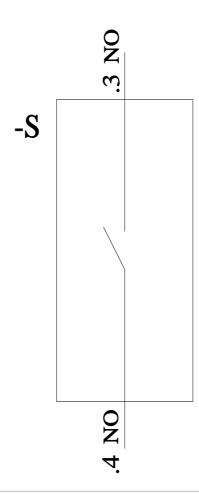
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-4BF11-1BA0-Z X90&lang=en









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