SIEMENS

Data sheet



RONIS key-operated switch, 22 mm, round, plastic, lock number SB30, with 2 keys, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal II, possible special locks: SB31, 421, 455, with laser labeling, lower case

product designation design of the product product type designation product line manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element marking of the actuating positions switch position for key distraction actuating angle o clockwise o anticlockwise lock make RONIS Key assure Actuating element Any inscription, text in lower case III Base of the actuating element Actuating angle Actuating angle Actuating angle Actuating element Actuations Actua	product brand name	SIRIUS ACT
product type designation product line product line product line product line product line product sarticle number of included key 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 marking of the actuating element product diameter of the actuating element product extension optional light source Actuating element silver material of the actuating element shape of the actuating element Actuating element product extension optional light source No Color Actuation Actuating element Actuating element Actuating element Actuating element Actuating element Actuating element Actuating positions Switch position for key distraction actuating angle Actuating element Actuating element Actuating angle Actuating element Actuation element Actuation element Actuation element Actuation element Actuation element Actuation element Actuatio	product designation	Key-operated switches
product line manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source of the actuating element silver material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element marking positions switch position for key distraction actuating angle e clockwise e anticlockwise lock make Plastic, black, 22 mm asult plack, 22 mm source sult place, 245° (10:30 h/12 h/13:30 h), return from left, right latching sliver momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching sliver momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching left, right latching nomentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching left, right latching nomentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching nomentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching nomentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching nomentary contact/latching nomentary contact/latching nomentary contact/latching nomentary contact/latc	design of the product	Actuating/signaling element
manufacturer's article number of included key Actuator principle of operation of the actuating element	product type designation	3SU1
Actuator principle of operation of the actuating element momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional light source No color	product line	Plastic, black, 22 mm
principle of operation of the actuating element momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional light source of the actuating element material of the actuating element shape of the actuating element marking of switching positions switch position for key distraction actuating angle oclockwise anticlockwise anticlockwise lock make momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching nomentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching nomentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching No No No 10:30 h/12 h/13:30 h), return from left, right latching No Text of the actuating element metal Key 29.5 mm Any inscription, text in lower case 11 actuating angle oclockwise A5° anticlockwise RONIS	manufacturer's article number of included key	3SU1950-0FB80-0AA0
left, right latching 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 marking of the actuating element marking of the actuating element marking of switching positions switch position for key distraction actuating angle ● clockwise ● anticlockwise lock make No silver metal Key 29.5 mm Any inscription, text in lower case Il actuating angle ● clockwise 45° RONIS	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 marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle elockwise enticlockwise for anticlockwise April 18 April 29.5 mm Any inscription, text in lower case 18 April 29.5 mm Any inscription, text in lower case 45° Brookwise FONIS	principle of operation of the actuating element	, , , , , , , , , , , , , , , , , , , ,
● 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 marking of switching positions switch position for key distraction actuating angle element clockwise anticlockwise element Any inscription, text in lower case Ill actuating angle element Any inscription, text in lower case 3 switch position for key distraction Ill actuating angle electric in	product extension optional light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise lock make metal Key Any inscription, text in lower case II 45° 45° RONIS	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise lock make Key 29.5 mm Any inscription, text in lower case II ### Any inscription, text in lower case	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 switching positions 3 switch position for key distraction II actuating angle 45° e clockwise 45° e anticlockwise 45° lock make RONIS	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise lock make Any inscription, text in lower case 3 45° 45° 45° RONIS	shape of the actuating element	Key
number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise 15° ASONIS	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise 15° NONIS	marking of the actuating element	Any inscription, text in lower case
actuating angle • clockwise	number of switching positions	3
 clockwise anticlockwise lock make RONIS 	switch position for key distraction	II
• anticlockwise 45° lock make RONIS	actuating angle	
lock make RONIS	• clockwise	45°
	anticlockwise	45°
key number	lock make	RONIS
key number 5830	key number	SB30
Front ring	Front ring	
product component front ring Yes	product component front ring	Yes
design of the front ring Standard	design of the front ring	Standard
material of the front ring plastic	material of the front ring	plastic
color of the front ring black	color of the front ring	black
General technical data	General technical data	
protection class IP IP66, IP67, IP69(IP69K)	protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal IP20	of the terminal	IP20
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	shock resistance	
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373 Category 1, Class B	 for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	vibration resistance	
• according to IEC 60068-2-6 10 500 Hz: 5g	according to IEC 60068-2-6	10 500 Hz: 5g
• for railway applications according to EN 61373 Category 1, Class B	 for railway applications according to EN 61373 	Category 1, Class B
operating frequency maximum 1 800 1/h	operating frequency maximum	1 800 1/h

mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
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%)
Installation/ mounting/ dimensions	
height	29.5 mm
width	29.5 mm 29.5 mm
width	29.5 mm
width shape of the installation opening	29.5 mm round
width shape of the installation opening mounting diameter	29.5 mm round 22.3 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter	29.5 mm round 22.3 mm 0.4 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	29.5 mm round 22.3 mm 0.4 mm 49.4 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width	29.5 mm round 22.3 mm 0.4 mm 49.4 mm 29.5 mm

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=3SU1000-4BP31-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4BP31-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4BP31-0AA0-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=3SU1000-4BP31-0AA0-Z Y12&lang=en

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