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 O+II, possible special locks: SB31, 421, 455, with laser labeling, lower case

product designation design of the product product type designation product type designation product type designation 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 material of the actuating element marking of the actuating element mumber of switching positions which position for key distraction actuating angle elockwise elockwise entroickwise front ring product component front ring design of the front ring genome to the front ring product component front ring plastic color of the front ring color of the front ring eliack General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance eaccording to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance eaccording to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance eaccording to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B 1800 the service of the formation o	product brand name	SIRIUS ACT
product type designation 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 of the actuating element silver material of the actuating element shape of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise source and source shape of the front ring product component front ring design of the front ring product component front ring design of the front ring color of the front ring lipastic color of the front ring shock resistance according to EC 60068-2-6 for railway applications according to EN 61373 SSUI 35U155-0FB80-0AA0 momentary contact/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 momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h	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 color of the actuating element silver material of the actuating element silver outer 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 awitch position for key distraction actuating angle olockwise anticlockwise anticlockwise front ring product component front ring design of the front ring color of the front ring color of the front ring design of the front ring color of the front ring degree of protection NEMA rating shock resistance a according to IEC 60068-2-6 of crailway applications according to EN 61373 Category 1, Class B	design of the product	Actuating/signaling element
manufacturer's article number of included key 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 color • of the actuating element material of the actuating element shape 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 number SB30 Front ring product component front ring design of the front ring design of the front ring material of the front ring color of the front ring protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B momentary contact/latching, 2x45* (10:30 h/12 h/13:30 h), return from left, right latching nementary contact/latching, 2x45* (10:30 h/12 h/13:30 h), return from left, right latching nementary contact/latching, 2x45* (10:30 h/12 h/13:30 h), return from left, right latching nementary contact/latching, 2x45* (10:30 h/12 h/13:30 h), return from left, right latching hett, right latching nementary contact/latching, 2x45* (10:30 h/12 h/13:30 h), return from left, right latching hett, right latching hett latching	product type designation	3SU1
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 of the actuating element Any inscription, text in lower case switch position for key distraction actuating angle clockwise anticlockwise anticl	product line	Plastic, black, 22 mm
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 wetal shape of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise anticlockwise front ring product component front ring design of the front ring color of the front ring plastic color of the front ring degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B color has blee product component to the form to the f	manufacturer's article number of included key	3SU1950-0FB80-0AA0
left, right latching product extension optional light source color of the actuating element silver material of the actuating element shape of the actuating element wetal shape of the actuating element wetal shape of the actuating element warking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle oclockwise anticlockwise anticlockwise solok make RONIS key number Front ring product component front ring design of the front ring material of the front ring slack General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 livibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 livibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	Actuator	
color • 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 switching positions 3 switch position for key distraction O+II actuating angle • clockwise 45° • anticlockwise 45° lock make RONIS key number SB30 Front ring product component front ring Standard material of the front ring plastic color of the front ring black General technical data protection class IP • of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Category 1, Class B vibration resilations according to EN 61373 Category 1, Class B vibration resilations according to EN 61373 Category 1, Class B	principle of operation of the actuating element	,
of the actuating element material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction O+II actuating angle olockwise 45° anticlockwise 45° lock make RONIS key number SB30 Front ring product component front ring Standard material of the front ring plastic color of the front ring black General technical data protection class IP 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 of tor railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	product extension optional light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle oclockwise anticlockwise anticlockwise anticlockwise sey number Front ring product component front ring design of the front ring material of the front ring color of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	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 e clockwise anticlockwise for anticlockwise Afo anticlockwise Afo Any inscription, text in lower case O+II actuating angle e clockwise Afo Any inscription, text in lower case Any inscription, text in lower case Any inscription, text in lower case O+II actuating angle Clockwise Afo Any inscription, text in lower case Afor all was in lower case Any inscription, text in lower case Afor clockwise Afor clockwise	 of the actuating element 	silver
outer diameter of the actuating element 29.5 mm marking of the actuating positions 3 switch position for key distraction O+II actuating angle clockwise anticlockwise anticlockwise for anticlockwise 45° lock make RONIS key number SB30 Front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black General technical data IP20 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 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g of or railway applications according to EN 61373 Category 1, Class B	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction actuating angle	shape of the actuating element	Key
number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise Iock 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 protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 class B	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise RONIS key number Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B	marking of the actuating element	Any inscription, text in lower case
actuating angle	number of switching positions	3
oclockwise onticlockwise onticlockw	switch position for key distraction	O+II
o anticlockwise lock make key number Front ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP of the terminal degree of protection NEMA rating shock resistance o according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance o according to IEC 60068-2-6 o for railway applications according to EN 61373 value RONIS RONIS RONIS RONIS Standard Ples plastic plastic black Bleck IP66, IP67, IP69(IP69K) IP20 IP2	actuating angle	
lock make key number SB30 Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic black General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance according to IEC 60068-2-6 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B	• clockwise	45°
Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Category 1, Class B Category 1, Class B	 anticlockwise 	45°
product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B	lock make	RONIS
product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Category 1, Class B Category 1, Class B	key number	SB30
design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Category 1, Class B Category 1, Class B	Front ring	
material of the front ring color of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B category 1, Class B category 1, Class B	product component front ring	Yes
color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B vibration resistance of railway applications according to EN 61373 Category 1, Class B Category 1, Class B Category 1, Class B	design of the front ring	Standard
protection class IP of the terminal legree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	material of the front ring	plastic
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of tor railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Category 1, Class B	color of the front ring	black
● of the terminal 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 ● for railway applications according to EN 61373 Category 1, Class B vibration resistance ● according to IEC 60068-2-6 10 500 Hz: 5g ● for railway applications according to EN 61373 Category 1, Class B	General technical data	
degree of protection NEMA rating shock resistance • 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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance • 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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B	of the terminal	IP20
 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 according to IEC 60068-2-6 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B 10 500 Hz: 5g Category 1, Class B	shock resistance	
vibration resistance	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 	 for railway applications according to EN 61373 	Category 1, Class B
• for railway applications according to EN 61373 Category 1, Class B	vibration resistance	
	according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum 1 800 1/h	 for railway applications according to EN 61373 	Category 1, Class B
	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
width shape of the installation opening	29.5 mm round
shape of the installation opening	round
shape of the installation opening mounting diameter	round 22.3 mm
shape of the installation opening mounting diameter positive tolerance of installation diameter	round 22.3 mm 0.4 mm
shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	round 22.3 mm 0.4 mm 49.4 mm
shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width	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=3SU1000-4BP61-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4BP61-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4BP61-0AA0-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=3SU1000-4BP61-0AA0-Z Y12&lang=en

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