SIEMENS

Data sheet



RONIS key-operated switch, 22 mm, round, plastic, lock number SB30, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O+I, possible special locks: SB31, 421, 455, with laser labeling, upper case and lower case, always upper case at beginning of line

product type designation design of the product product type designation product type designation product type designation product type designation product time 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 material of the actuating element material of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper/flower case, every line begins with upper case letter number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockw	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source No color • of the actuating element metal shape of the actuating element shape of the actuating element youter diameter of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter number of switching positions 3 switch position for key distraction O+1 actuating angle • clockwise • anticlockwise 1ds make front ring product component front ring Ates in the front ring plastic color of the front ring black Ceneral technical data 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 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 SUI1950-0FB80-0AA0 Assutiastic, black, 22 mm assutiastic, black, 245° (10:30 h/12 h/13:30 h) Avioration resistance according to IEC 60068-2-6 according to IEC 60088-2-6 according to IEC 600	product designation	Key-operated switches
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manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color	product type designation	3SU1
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marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise switch position for key distraction actuating angle clock 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 60068-2-27 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	shape of the actuating element	Key
number of switching positions switch position for key distraction other clockwise clockwise clockwise clock make key number Front ring product component front ring design of the front ring color of the front ring color of the front ring protection class IP of the terminal degree of protection NEMA rating shock resistance case letter 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	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	
actuating angle	number of switching positions	3
clockwise anticlockwise A5° anticlockwise 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 protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 category 1, Class B indicate RONIS RONIS RONIS RONIS RONIS RONIS SB30 Pes Standard plastic plastic plastic plastic plastic plack Ple6, IP67, IP69(IP69K)	switch position for key distraction	O+I
o anticlockwise 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 protection class IP of the terminal degree of protection NEMA rating shock resistance o according to IEC 60068-2-27 of 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 SB30 Protection yes Standard plastic black Black Ble6, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance o according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms Category 1, Class B vibration resistance o according to IEC 60068-2-6 o for railway applications according to EN 61373 Category 1, Class B	actuating angle	
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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 60068-2-27 • 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 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B	anticlockwise	45°
product component front ring product component front ring design of the 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 of 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 of according to IEC 60068-2-6 of or 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
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color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of 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	design of the front ring	Standard
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of to 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	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 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 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	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 Category 1, Class B Vibration resistance ● according to IEC 60068-2-6 ● for railway applications according to EN 61373 Category 1, Class B 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
	 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=3SU1000-4BL51-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4BL51-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4BL51-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1000-4BL51-0AA0-Z Y10&lang=en

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