SIEMENS

Data sheet



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

product designation design of the product 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 vectors of the actuating element product extension optional light source color of the actuating element sliver material of the actuating element shape 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 olockwise 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 degree of protection NEMA rating here of the IRC S0088-2-8 outcording to IEC 60068-2-6	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element Interior inght, left latching momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source No of the actuating element Interior inght, left latching product extension optional light source No of the actuating element Interior inght, left latching with actuating element Interior inght, left latching material of the actuating element Interior inght, left latching with position for key distraction Interior inght, left latching interior inght, left latching product extension optional light source No e of the actuating element Interior inght, left latching in the latching	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 material of the actuating element shape of the actuating element work diameter of the actuating element marking of the actuating element marking of the actuating element actuating number of switching positions witch position for key distraction actuating angle olockwise anticlockwise anticlockwise anticlockwise front ring product component front ring material of the front ring sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 10 500 Hz: 5g Plastic with metal front ring, matt, 22 mm asufut, 22 mm alactuating hill asufut, 245° (10:30 h/12 h/13:30 h), return from ring metal silver metal catching, 245° (10:30 h/12 h/13:30 h), return from ring metal silver m	design of the product	Actuating/signaling element
manufacturer's article number of included key Actuator principle of operation of the actuating element latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source of the actuating element silver material of the actuating element metal shape of the actuating element 29.5 mm marking of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction I actuating angle olockwise anticlockwise front ring product component front ring design of the front ring material of the front ring sand gray 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 10 500 Hz: 5g	product type designation	3SU1
Actuator principle of operation of the actuating element right, left latching product extension optional light source No color • of the actuating element silver material of the actuating element metal shape of the actuating element Marking of the actuating element Marking of the actuating element Marking of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction I actuating angle • clockwise 45° • anticlockwise 45° lock make RONIS key number S300 Front ring product component front ring Standard Metal, matt color of the front ring sand gray 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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	product line	Plastic with metal front ring, matt, 22 mm
principle of operation of the actuating element right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source of the actuating element silver material of the actuating element Heat shape of the actuating element Heat Super outer diameter of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction I actuating angle clockwise 45° anticlockwise 45° anticlockwise Heat RoNIS key number SB30 Front ring product component front ring Yes design of the front ring Metal, matt sand gray 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 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-68 10 500 Hz: 5g	manufacturer's article number of included key	3SU1950-0FB80-0AA0
right, left latching product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element warking of the actuating element narking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise clockwise anticlockwise shape anticlockwise lock make key number Front ring product component front ring design of the front ring material of the front ring sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of to railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	Actuator	
color	principle of operation of the actuating element	
• of the actuating element material of the actuating element shape of the actuating element very outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction lactuating angle electockwise anticlockwise anticlockwise lock make key number substance product component front ring ground the front ring material of the front ring material of the front ring sand gray General technical data protection class IP of the terminal leggee of protection NEMA rating shock resistance electrofield according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance electrofield according to IEC 60068-2-6 10 500 Hz: 5g	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 Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle eclockwise solution actuating element Any inscription, text in upper case 1 actuating angle eclockwise Afo enticlockwise Afo enticlockwise Afo NNIS key number SB30 Front ring product component front ring design of the front ring material of the front ring Anterial of the front ring enterial ethnical data protection class IP of the terminal error protection NEMA rating shock resistance eaccording to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance eaccording to IEC 60068-2-6 10 500 Hz: 5g	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 sunticlockwise clock make key number 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 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	 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 I actuating angle clockwise anticlockwise anticlockwise anticlockwise 45° anticlockwise product component front ring general to the front ring material of the front ring sand gray General technical data IP66, IP67, IP69(IP69K) 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	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise Iok 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 • according to IEC 60068-2-6 • according to IEC 60068-2-6 A5° A5° A5° A5° A5° A5° A5° A5	shape of the actuating element	Key
number of switching positions switch position for key distraction lactuating angle • clockwise • 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 sand gray General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • according to IEC 60068-2-6 1 45° 45° 45° 8NONIS 8B30 Front ring Yes design of the front ring Standard Metal, matt sand gray General technical data protection class IP • of the terminal IP20 • of the terminal Category 1, Class B Vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise Iock make key number Front ring product component 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 60068-2-6 • according to IEC 60068-2-6 10 500 Hz: 5g	marking of the actuating element	Any inscription, text in upper case
actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise Iock 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 general technical data protection class IP • of the terminal IP20 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 • according to IEC 60068-2-6 10 500 Hz: 5g	number of switching positions	3
• clockwise • anticlockwise • anticlockwise Iok make RONIS key number SB30 Front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring sand gray General technical data protection class IP of the terminal iP20 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 10 500 Hz: 5g	switch position for key distraction	T
o anticlockwise lock make	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 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 10 500 Hz: 5g	• 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 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	anticlockwise	45°
product component front ring product component front ring design of the front ring material of the front ring Standard Metal, matt color of the front ring Seneral technical data protection class IP of the terminal IP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	lock make	RONIS
product component front ring design of the front ring material of the front ring Metal, matt 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 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	key number	SB30
design of the front ring material of the front ring Metal, matt color of the front ring General technical data protection class IP of the terminal lP20 degree 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 according to IEC 60068-2-6 of the terminal lP20 the terminal lP20 category 1, Class B vibration resistance of according to IEC 60068-2-6 of the terminal lP20 category 1, Class B	Front ring	
material of the front ring color of the front ring sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of the railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of according to IEC 60068-2-6 in the terminal in the sand gray IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms Category 1, Class B vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g	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 according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of according to IEC 60068-2-6 10 500 Hz: 5g	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 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g	material of the front ring	Metal, matt
protection class IP of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance o according to IEC 60068-2-27 of the terminal 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of railway applications according to EN 61373 Category 1, Class B vibration resistance o according to IEC 60068-2-6 10 500 Hz: 5g	color of the front ring	sand gray
● 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	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	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance	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 	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 10 500 Hz: 5g	shock resistance	
vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
• according to IEC 60068-2-6 10 500 Hz: 5g	 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 	 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
	29.5 mm 29.5 mm
height	
height width	29.5 mm
height width shape of the installation opening	29.5 mm round
height width shape of the installation opening mounting diameter	29.5 mm round 22.3 mm
height width shape of the installation opening mounting diameter positive tolerance of installation diameter	29.5 mm round 22.3 mm 0.4 mm
height 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
height 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=3SU1030-4BN21-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4BN21-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4BN21-0AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1030-4BN21-0AA0-Z Y11&lang=en

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