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, latching, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h, Key removal I+O+II, possible special locks: SB31, 421, 455, with laser labeling, upper case

product designation design of the product product type designation product a product satisfies a product set actual product set exists on pitional light source principle of operation of the actuating element product extension optional light source sof the actuating element sliver material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Arking of the actuating element product diameter of the actuating element product diameter of the actuating element Arking of the actuating element product diameter of the actuating element product component front ring product component front ring design of the front ring design of the front ring Metal, matt color of the front ring design of the front ring product component front ring design of the front ring product component front front protection class IP pro	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 principle of operation of the actuating element product extension optional light source • of the actuating element slaver metal shape of the actuating element metal shape of the actuating element Metal shape of the actuating element Mary inscription, text in upper case number of switching positions Switching positions Switch position for key distraction O+I+II actuating angle • clockwise 45° • anticlockwise 45° lock make RONIS key number SB30 Front ring product component front ring Standard Metal, matt color of the front ring Metal, matt 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 • for railway applications according to EN 61373 operating frequency maximum 1800 1/h SSUID	product designation	Key-operated switches
product line manufacturer's article number of included key 3SU1950-0FB80-0AA0 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 warking of the actuating element arking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise anticlockwise anticlockwise seant color of the front ring 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 vibration resistance according to IEC 60068-2-6 of ratiway applications according to EN 61373 operating frequency maximum 1 800 t/h	design of the product	Actuating/signaling element
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 Any inscription, text in upper case marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle electockwise anticlockwise fook make Ronis Rey number SB30 Front ring product component front ring design of the front ring Actual material of the front ring sand gray General technical data protection class IP of the terminal liP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of rarialway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of rarialway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	product type designation	3SU1
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 well shape of the actuating element shape of the actuating element well shape of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise 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 60068-2-6 of railway applications according to EN 61373 operating frequency maximum listory latching 1 800 1/h No	product line	Plastic with metal front ring, matt, 22 mm
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 marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise 45° anticlockwise 45° anticlockwise 10ck make RONIS key number SB30 Front ring product component front ring design of the front ring Metal, matt color of the front ring Metal, matt color of the front ring sand gray General technical data Protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B operating frequency maximum I 800 1/h No No No No No No No No No N	manufacturer's article number of included key	3SU1950-0FB80-0AA0
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions switch position for key distraction clockwise onticlockwise onticlockwise onticlockwise onticlockwise onticlockwise selform ring product component front ring design of the front ring material of the front ring color of the front ring general technical dat 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 operating frequency maximum seliver metal silver metal skey metal Any inscription, text in upper case Any inscr	Actuator	
color • of the actuating element material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Mey outer diameter 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 actuating angle • clockwise 45° anticlockwise 45° lock 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 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum silver metal silver metal selve sey 45° 45° 45° 45° 45° 80NIS 848 RONIS 849 45° 849 45° 849 45° 849 849 849 849 849 849 849 84	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction O+I+II actuating angle oclockwise 45° anticlockwise 45° inck make RONIS key number SB30 Front ring product component front ring Yes design of the front ring Metal, matt 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 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum 1800 1/h 1800 1/	product extension optional light source	No
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 actuating angle oclockwise anticlockwise anticlockwise anticlockwise NoNIS key number Front ring product component front ring design of the front ring material of the front ring material 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 for railway applications according to EN 61373 operating frequency maximum metal key key num dent in upper case Apy inscription, text in upper case Apy inscrip	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 • anticlockwise • anticlockwise front ring product component front ring product component front ring design of the front ring color of the front ring material 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 • for railway applications according to EN 61373 operating frequency maximum Any inscription, text in upper case Association April Any inscription, text in upper case Association Any inscription, text in upper case Association April Any inscription, text in upper	 of the actuating element 	silver
outer diameter 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 O+I+II actuating angle clockwise anticlockwise 45° <ld>anticlockwise 45° <ld>lock make RONIS key number SB30 Front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring sand gray General technical data 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 10 500 Hz: 5g of or railway applications according to EN 61373 Category 1, Class B<th>material of the actuating element</th><th>metal</th></ld></ld>	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise santiclockwise anticlockwise senticlockwise 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 sand gray 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 operating frequency maximum Any inscription, text in upper case 45° Aby inscription, text in upper case Any inscription, text in upper case 45° Aby inscription, text in upper case Approach Apy inscription, text in upper case 45° Apy inscription, text in upper case Apy inscription, text in upper case 45° Apy inscription, text in upper case Apy in actual inscription in actual inscrip	shape of the actuating element	Key
number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • 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 sand gray General technical data 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 operating frequency maximum o HIII OHIHII OHIHII A5° A5° A5° A5° A5° A5° A5° A	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise 45° lock 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 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 operating frequency maximum 0 O+I+II 45° 45° 45° 45° 45° 45° 45° 4	marking of the actuating element	Any inscription, text in upper case
actuating angle • clockwise • 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 general technical data 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 operating frequency maximum 1 800 1/h 45° 45° 45° 45° 45° 45° 45° 45	number of switching positions	3
octokwise onticlockwise onticlockwi	switch position for key distraction	O+I+II
o anticlockwise lock 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 lP20 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 operating frequency maximum 1 800 1/h Pes SB30 Yes Standard Metal, matt sand gray IP66, IP67, IP69(IP69K) IP20 IP66, IP67, IP69(IP69K) IP20 Sinusoidal half-wave 15g / 11 ms Category 1, Class B Category 1, Class B	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 sand gray General technical data protection class IP of the terminal legue 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 of railway applications according to EN 61373 operating frequency maximum RONIS SB30 Yes Head Head Head Head Head Head Head Hea	• clockwise	45°
SB30	anticlockwise	45°
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Sand gray General technical data protection class IP of the terminal lP20 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 operating frequency maximum 1 800 1/h	lock make	RONIS
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 operating frequency maximum Yes Metal, matt Metal, matt Metal, matt Metal, matt Standard Metal, matt	key number	SB30
design of the front ring material of the front ring Metal, matt color of the front ring sand gray 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 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h	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 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 according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h	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 o according to IEC 60068-2-27 of tor railway applications according to EN 61373 vibration resistance o according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance o according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	design of the front ring	Standard
protection class IP	material of the front ring	Metal, matt
protection class IP	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 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	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 operating frequency maximum 1 800 1/h	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 operating frequency maximum 1 800 1/h	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 operating frequency maximum 1 800 1/h 	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 1 800 1/h 	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 operating frequency maximum 10 500 Hz: 5g Category 1, Class B 1 800 1/h 	 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	vibration resistance	
operating frequency maximum 1 800 1/h	according to IEC 60068-2-6	10 500 Hz: 5g
	 for railway applications according to EN 61373 	Category 1, Class B
mechanical service life (switching cycles) typical 1 000 000	operating frequency maximum	1 800 1/h
	mechanical service life (switching cycles) typical	1 000 000

reference code according to IEC 81346-2	\$
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
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	49.4 mm
installation width	29.5 mm
installation depth	25.4 mm
Certificates/ approvals	
Further information	

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=3SU1030-4BL11-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-4BL11-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-4BL11-0AA0-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=3SU1030-4BL11-0AA0-Z Y11&lang=en

last modified: 1/26/2022 **C**