Data sheet

3SU1000-4BN21-0AA0



RONIS key-operated switch, 22 mm, round, plastic, 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

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 number of switching positions 3 switch position for key distraction actuating angle • clockwise • clockwise • anticlockwise • anticlockwise front ring product component front ring design of the front ring material of the front ring plastic 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 preference code according to IEC 81346-2 Substance Prohibitance (Date) silver metal skey metal silver metal silver metal silver metal skey out of the actuating element silver metal skey out of the actuating element silver metal silver silve	product brand name	SIRIUS ACT
product type designation Product line Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0FB80-0AA0 Actuator principle of operation of the actuating element latching product extension optional light source No of the actuating element metal shape of the front ring Metal Shape Shape Metal Sh	product designation	Key-operated switches
product type designation Product line Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0FB80-0AA0 Actuator principle of operation of the actuating element latching momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, less latching momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, less latching product extension optional light source No ocolor of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction I actuating angle clockwise 45° canticlockwise 45° lock make RONIS key number Front ring Sasao product component front ring Slandard material of the front ring plastic color of the front ring black 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 eference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	design of the product	Actuating/signaling element
product line		
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of the actuating element material of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element 29.5 mm number of switching positions switch position for key distraction in actuating angle	product extension optional light source	No
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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 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B Operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date)	material of the front ring	plastic
protection class IP of the terminal lp20 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 railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	color of the front ring	black
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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 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	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 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) sinusoidal half-wave 15g / 11 ms Category 1, Class B 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	 for railway applications according to EN 61373 	Category 1, Class B
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) 10/01/2014	mechanical service life (operating cycles) typical	1 000 000
	reference code according to IEC 81346-2	S
Ambient conditions	Substance Prohibitance (Date)	10/01/2014
Ambient conditions	Ambient conditions	
ambient temperature	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%)	
Environmental footprint		
Environmental Product Declaration(EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.787 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg	
Global Warming Potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
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	
Approvals Certificates		

General Product Approval

Confirmation







Declaration of Conformity



Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









other

Environment

Confirmation

Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-4BN21-0AA0

Cax online generator

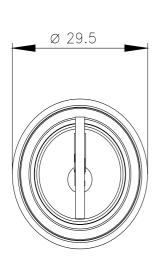
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4BN21-0AA0

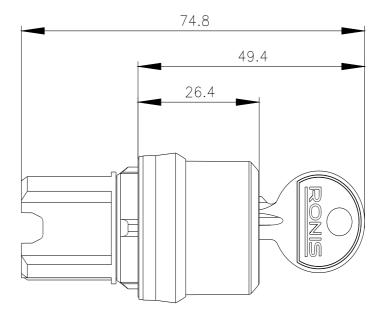
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4BN21-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-4BN21-0AA0&lang=en





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