SIEMENS

Data sheet



Key-operated switch BKS, 22 mm, round, plastic, lock number S1, with 2 keys, 2 switch positions O-I, latching, actuating angle 90° , 10:30h/13:30h, Key removal O+I

product brand name product designation Key-operated switches design of the product product type designation Plastic, black, 22 mm product line product system of the actuating element product system optional light source color of the actuating element material of the actuating element shape of the actuating element unwher of switching positions 2 switch position for key distraction actuating angle clockwise lock make begs begs begs begs begs begs begs beg		
design of the product product type designation product line Plastic, black, 22 mm 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 silver material of the actuating element shape of the actuating element shape of the actuating element year outer diameter of the actuating element number of switching positions 2 switch position for key distraction actuating angle clockwise lock make BCS key number S1 Front ring product component front ring design of the front ring design of the front ring plastic color of the front ring black Colorer's technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of careful exchange applications according to EN 61373 operating frequency maximum should be presented as the source of the content of the content of the protection class B Substance Prohibitance (Date) No 138U1950-0FD80-0AA0 Actuation Situation Sulver Included several place of the actuating element latching, 90° (10:30 lv/13:30 lv) No 10:10:30 lv/13:30 lv) No 10:10:30 lv/13:30 lv) No 10:10:30 lv/13:30 lv) No 10:10:30 lv/13:30 lv	product brand name	SIRIUS ACT
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product line Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0FD80-0AA0 Actuator Principle of operation of the actuating element latching, 90" (10:30 h/13:30 h) product extension optional light source No latching, 90" (10:30 h/13:30 h) product extension optional light source No latching element sliver material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm lumber of switching positions 2 witch position for key distraction O+I actuating aligne element Set Note Note of Set Note Note of Set Note Note Note Note of Set Note Note Note Note Note Note Note No	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 of the actuating element material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element wetal shape of the actuating element shape of the food shape of the actuating element shape of the food shape of the actuating element shape of the food shape of the actuating element shape of the actuating element shape of the food shape of the actuating element shape of the food shape of the actuating element shape of the food shape of the actuating element shape of the food shape of the actuating element shape of the food shape of	product type designation	3SU1
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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 actuation element shape of the actuating element shape of the actuation element shape of the actuating element shape of the actuation element shape of the actuating element shape of the actuation element shape of the actuation el	manufacturer's article number of included key	3SU1950-0FD80-0AA0
product extension optional light source color of the actuating element material of the actuating element silver metal shape of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating pelement pumber of switching positions 2 switch position for key distraction colockwise ock make BCS key number standard product component front ring product component front ring design of the front ring material of the front ring plastic 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 isinusoidal half-wave 15g / 11 ms operating frequency maximum 1 800 1/h 1 800 1/h 1 800 1/2014 Ambient conditions ambient temperature oduring operation -25 +70 °C	Actuator	
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 2 switch position for key distraction actuating angle • clockwise lock make BCS key number 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 Operating reference code according to IEC 81346-2 Substance Prohibitance (Date) Anbient conditions ambient temperature • during operation Key Mey Mey Applications Mey Mey Mey Mey Mey Mey Mey Me	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
• of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make BCS key number S1 Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring plastic element lechnical data protection class IP • of the terminal IP20 degree of protection NEMA rating 1P20 degree of protection NEMA rating 1P20 • for railway applications according to EN 61373 • for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	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 2 switch position for key distraction actuating angle • clockwise 90° lock make key number S1 Front ring product component front ring design of the front ring color of the front ring color of the front ring product component front plastic color 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation Key O+1 29.5 mm New Po O+1 Ambient conditions ambient temperature • during operation -25 +70 °C	color	
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actuating angle	number of switching positions	2
oclockwise 90°	switch position for key distraction	O+I
lock make BCS key number S1 Front ring product component front ring Yes 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 according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 1000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature of during operation -25 +70 °C	actuating angle	
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product component front ring Yes design of the front ring Standard 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 of or 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 Ambient conditions ambient temperature of during operation -25 +70 °C	lock make	BCS
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 60068-2-27 for railway applications according to EN 61373 operating frequency maximum reference code according to IEC 81346-2 Substance Pohibitance (Date) Ambient conditions ambient temperature during operation Vess design of the front ring black Standard Standard Standard Standard Standard Standard Standard Plastic Laplastic	key number	S1
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protection class IP of the terminal legree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 operating frequency maximum rechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation IP66, IP67, IP69(IP69K) IP20 Category 1, Class B Sinusoidal half-wave 15g / 11 ms Category 1, Class B Operating frequency maximum 1 800 1/h 1 000 000 S Substance Prohibitance (Date) 1 0/01/2014 Ambient conditions ambient temperature during operation -25 +70 °C	material of the front ring	plastic
protection class IP	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 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature ● during operation IP20 1, 2, 3, 3R, 4, 4X, 12, 13 1 ms Category 1, Class B 1 800 1/h 1 800 1/h 1 900 000 Ference code according to IEC 81346-2 Substance Prohibitance (Date) -25 +70 °C	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 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 1, 2, 3, 3R, 4, 4X, 12, 13 10 muscled half-wave 15g / 11 ms Category 1, Class B 1 000 000 1 000 000 1 000 000 2 000 000 1 000 000 2 000 000 3 000 000 4 000 000 5 000 000 6 000 000 7 000 000 6 000 000 7 000 000 7 000 000 8 000 000 8 000 000 9 000 000 9 000 000 9 000 000	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 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 Ambient conditions ambient temperature during operation -25 +70 °C	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 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature o during operation -25 +70 °C 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
● 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) Ambient conditions ambient temperature ● during operation Category 1, Class B 1 000 000 1 000 000 S S -25 +70 °C	shock resistance	
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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 Ambient conditions ambient temperature • during operation -25 +70 °C	 for railway applications according to EN 61373 	Category 1, Class B
reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 10/01/2014 -25 +70 °C	mechanical service life (operating cycles) typical	1 000 000
Ambient conditions ambient temperature • during operation -25 +70 °C	reference code according to IEC 81346-2	S
ambient temperature ● during operation -25 +70 °C	Substance Prohibitance (Date)	10/01/2014
• during operation -25 +70 °C	Ambient conditions	
	ambient temperature	
10 0000	during operation	-25 +70 °C
• during storage -40 +80 ℃	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
width	29.5 mm
width shape of the installation opening	29.5 mm round
width shape of the installation opening mounting diameter	29.5 mm round 22.3 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter	29.5 mm round 22.3 mm 0.4 mm
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 56.3 mm



General Product Approval

Confirmation





Declaration of Conformity



Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









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,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-5PF11-0AA0

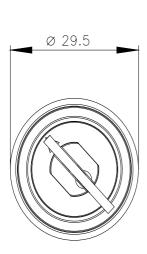
Cax online generator

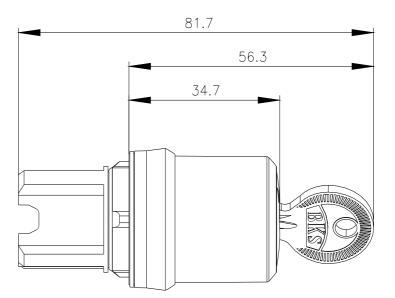
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5PF11-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5PF11-0AA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5PF11-0AA0&lang=en





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