## **SIEMENS**

## **Data sheet**



key-operated switch Siemens, 22 mm, round, metal, shiny, lock number SSG10, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product Actualing/signaling element product type designation product type designation product type designation product type designation product line Metal, shiny, 22 mm 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 shape of the actuating element marking of the actuating element marking of the actuating element number of switching positions actuating angle clockwise shape of two sets and sets are sets and sets and sets are sets and sets and sets are sets are sets and sets are sets are sets are sets and sets are sets and sets are sets and sets are sets and sets are sets are sets and sets are sets and sets are sets are sets are sets are sets and sets are sets		
design of the product product type designation 3SU1 product tine Metal, shin, 22 mm manufacturer's article number of included key 3SU1980-0FE80-0AA0 Actuator  principle of operation of the actuating element momentary contact, 2x45* (10:30 h/12 h/13:30 h), return on both sides principle of operation of the actuating element silver momentary contact, 2x45* (10:30 h/12 h/13:30 h), return on both sides principle of operation of the actuating element silver momentary contact, 2x45* (10:30 h/12 h/13:30 h), return on both sides principle of operation of the actuating element silver metal shape of the actuating element key cuber diameter of the actuating element Any inscription, text in upperflower case, all words begin with upper case letters number of switching positions 3 switch position for key distraction O actuating angle and the actuating element element and the actuating element elemen	product brand name	SIRIUS ACT
product type designation product tine 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 mumber of switching positions switch position for key distraction actuating angle clockwise anticlockwise senticlockwise for the front ring product component front ring material of the front ring material of the front ring material of the front ring design of the front ring formatic technical data protection class IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 vibration resistance e according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81348-2 Substance Prohibitance (Date)	product designation	Key-operated switches
product line Metal, shiny, 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 shape of the actuating element metal shape of the actuating element Material of the actuating element Metal shape of the actuating element Metal shape of the actuating element Metal shape of the actuating element Metal Material of the actuating element Metal Shape of the actuating element Metal Material of the actuating element Metal Material of the actuating element Metal Material Material Material element Material Material Material Material Element Material Material Material Element Material	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 silver material of the actuating element shape of the actuating element which is actuating element shape of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions switch position for key distraction clockwise clockwise anticlockwise anticlockwise sex	product type designation	3SU1
Actuator  principle of operation of the actuating element product extension optional light source color  of the actuating element material of the actuating element silver material of the actuating element silver outer diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions switch position for key distraction o actuating angle clockwise clockwise enticlockwise silver  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 60068-2-27 vibration resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	product line	Metal, shiny, 22 mm
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 outer diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise sey anticlockwise lock make skey number product component front ring design of the front ring slandard 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 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  No  Rey No  Rey No  No  Rey (10.30 1h/12 1h/13.30 1h), return on both sides No  No  No  No  No  Retal sliver  Any inscription, text in upper/lower case, all words begin with upper case letters number of switching upper/lower case, all words begin with upper case letters number of switching positions 3 switch position, text in upper/lower case, all words begin with upper case letters number of switching upper/lower case, all words begin with upper case letters number of switching upper/lower case, all words begin with upper case letters number of white in upper/lower case, all words begin with upper case letters number of white in upper/lower case, all words begin with upper case letters number of white surfluence letters  Any inscription, text in upper/lower case, all words begin with upper case letters number of white surfluence letters  Apy inscription, text in upper/lower case, all words begin with upper case letters number of well and words begin with upper case letters number of well and surfluence letters  Apy inscription, text in upper/lower case, all words begin with upper case letters number of well and surfluence letters  Apy inscription, text in upper/lower ca	manufacturer's article number of included key	3SU1950-0FP80-0AA0
product extension optional light source color	Actuator	
color	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
• of the actuating element metal  material of the actuating element Key  outer diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 3  switch position for key distraction O  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • anticlockwise  (Siemens  key number  Front ring  product component front ring  design of the front ring  silver  General technical data  protection class IP  • of the terminal  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-27  vibration resistance  • according to IEC 60068-2-6  operating Frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  solution in the silver of the control of the con	product extension optional light source	No
material of the actuating element Key outer diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 3 switch position for key distraction O actuating angle elockwise santiclockwise anticlockwise sensuriclockwise solitor tring Ves design of the front ring material of the front ring former 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 vibration resistance according to IEC 60068-2-6 substance Prohibitance (Date) Substance Prohibitance (Date)  sinusoidal half-wave 15g / 11 ms substance Prohibitance (Date) 1001/2014	color	
shape of the actuating element  outer diameter of the actuating element  marking of the actuating element  Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions  3  switch position for key distraction  O  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • anticlockwise  • anticlockwise  (Siemens  key number  SSG10  Front ring  product component front ring  design of the front ring  material of the front ring  Metal, high gloss  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  vibration resistance  • according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  Substance Prohibitance (Date)  Substance Prohibitance (Date)	of the actuating element	silver
outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction o clockwise o anticlockwise o siemens skey number SSG10  Front ring  product component front ring design of the front ring material of the front ring material of the front ring silver  General technical data  protection class IP of the terminal of the termina	material of the actuating element	metal
marking of the actuating element number of switching positions 3 switch position for key distraction actuating angle elockwise enticlockwise flock make siemens key number SSG10 Front ring product component front ring design of the front ring material of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	shape of the actuating element	Key
number of switching positions switch position for key distraction o actuating angle o clockwise o anticlockwise o anticlockwise i ok make Siemens key number SSG10 Front ring  product component front ring design of the front ring silver  General technical data  protection class IP of the terminal degree of protection NEMA rating shock resistance o according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	outer diameter of the actuating element	29.5 mm
switch position for key distraction  actuating angle  clockwise anticlockwise siemens key number SSG10  Front ring  product component front ring design of the front ring Metal, high gloss color of the front ring silver  General technical data  protection class IP of the terminal protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  silvasidal half-wave 15g / 11 ms  silvasidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  10/01/2014	marking of the actuating element	Any inscription, text in upper/lower case, all words begin with upper case letters
actuating angle	number of switching positions	3
clockwise     anticlockwise     anticlockwise     sey number     Seg10  Front ring  product component front ring     design of the front ring     material of the front ring     silver  General technical data  protection class IP     of the terminal     degree of protection NEMA rating shock resistance     according to IEC 60068-2-27     vibration resistance     according to IEC 60068-2-6     operating frequency maximum     mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  45°  45°  45°  45°  45°  45°  45°  45	switch position for key distraction	0
• anticlockwise 45° lock make Siemens key number SSG10  Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver  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  vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	actuating angle	
lock make key number SSG10  Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring silver  General technical data  protection class IP of the terminal legeo of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  1 2 3 3 3 4 4 4 4 5 1 2 1 3  1 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• clockwise	45°
key number  Front ring  product component front ring	anticlockwise	45°
product component front ring product component front ring design of the front ring Metal, high gloss 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 sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Yes Standard Metal, high gloss standard Metal, high gloss stalver  IP66, IP67, IP69(IP69K) IP20 IP69, IP69, IP69(IP69K) IP69, IP69, IP69(IP69K) IP69, IP69, IP69(IP69K) IP60, IP69, IP69, IP69(IP69K) IP60, IP69, IP69, IP69(IP69K) IP60, IP69, IP	lock make	Siemens
product component front ring  design of the front ring  material of the front ring  Color of the front ring  Silver  General technical data  protection class IP  of the terminal  degree of protection NEMA rating  sinusoidal half-wave 15g / 11 ms  vibration resistance  • according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	key number	SSG10
design of the front ring  material of the front ring  color of the front ring  Silver  General technical data  protection class IP  of the terminal  lP20  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  • according to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	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  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	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  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)	design of the front ring	Standard
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  IP66, IP67, IP69(IP69K) IP20 I D	material of the front ring	Metal, high gloss
protection class IP  of the terminal  lp20  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  oaccording to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  oaccording to IEC 60068-2-6  10 500 Hz: 5g  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	silver
● 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  vibration resistance  ● according to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  10/01/2014	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  vibration resistance  • according to IEC 60068-2-6 10 500 Hz: 5g  operating frequency maximum 1 800 1/h  mechanical service life (operating cycles) typical 300 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 10/01/2014	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  vibration resistance     according to IEC 60068-2-6     10 500 Hz: 5g  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  10 500 Hz: 5g  10 500 Hz: 5g  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 000  10 0000	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance  • according to IEC 60068-2-6  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  10 500 Hz: 5g  300 000  1 800 1/h  300 000  1 900 1/2014	shock resistance	
according to IEC 60068-2-6  10 500 Hz: 5g  operating frequency maximum  1 800 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  10/01/2014	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	vibration resistance	
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	• according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014		
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	mechanical service life (operating cycles) typical	300 000
Substance Prohibitance (Date) 10/01/2014		S
· ·		10/01/2014
	Safety related data	

500 000
20 %
20 %
100 FIT
-25 +70 °C
-40 +80 °C
3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)
29.5 mm
29.5 mm
29.5 mm round
round
round 22.3 mm
round 22.3 mm 0.4 mm
round 22.3 mm 0.4 mm 61 mm
round 22.3 mm 0.4 mm 61 mm 29.5 mm

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=3SU1050-5BM01-0AA0-Z Y15

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1050-5BM01-0AA0-Z\ Y15}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BM01-0AA0-Z Y15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-5BM01-0AA0-Z Y15&lang=en

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