SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, plastic, lock number SSG10, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I+II, with laser labeling, inscription or symbol customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product extension option of the actuating element product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Ary inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle clockwise shape of the actuating element actuating angle clockwise shape of the actuating element Ary inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) actuating angle clockwise shape of the actuating element actuating angle clockwise shape of the actuating element actuating angle clockwise shape of the actuating element actuating angle clockwise shape of the front ring graph of the front ring product component front ring design of the front ring product component front ring clor of the front ring plastic color of the front ring color of the front ring color of the front ring degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum 1 800 th	product brand name	SIRIUS ACT
product type designation 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 color • of the actuating element silver material of the actuating element Marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of switching positions switch position for key distraction HrIII actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise 45° • anticlockwise 45° simens key number SSG10 Front ring product component front ring design of the front ring design of the front ring material of the front ring color of the front ring design of the front ring color of the front ring design of the front ring color of the front ring color of the front ring design of the front ring color of the front ring design of the front ring color of the front ring design of the front ring color of the front ring color of the front ring design of the front ring color of the front ring color of the front ring color of the front ring design of the size and the product of the ring of the ring color of the front ring of the ring of the ring of the ring color of the front ring of the ring of the ring of the ring color of the front ring of the ring of the ring of the ring color of the ring of the ring of the ring color of the ring of the ring of the ring color of	product designation	Key-operated switches
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manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color	product type designation	3SU1
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outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction I+II actuating angle clockwise anticlockwise 45° lock make siemens key number SSG10 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 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	material of the actuating element	metal
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) switch position for key distraction actuating angle clockwise 45° anticlockwise 45° lock make Siemens 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 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	shape of the actuating element	Key
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actuating angle	number of switching positions	3
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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 of according to IEC 60068-2-27 of or railway applications according to EN 61373 For railway applications according to EN 61373 Signature Signature Sign	anticlockwise	45°
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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 for 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	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 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B 	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	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	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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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vibration resistance ● according to IEC 60068-2-6 10 500 Hz: 5g ● for railway applications according to EN 61373 Category 1, Class B	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 Category 1, Class B 	 for railway applications according to EN 61373 	Category 1, Class B
• for railway applications according to EN 61373 Category 1, Class B	vibration resistance	
	according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum 1 800 1/h	 for railway applications according to EN 61373 	Category 1, Class B
	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
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
 with low demand rate according to SN 31920 	20 %
 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
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	61 mm
installation width	29.5 mm
installation depth	25.4 mm
Certificates/ approvals	
Further information	
Certificates/ approvals	25.4 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=3SU1000-5BL41-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5BL41-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5BL41-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5BL41-0AA0-Z Y19&lang=en

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