SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, plastic with metal front ring, lock number SSG10, with 2 keys, 3 switch positions I-O<II, left latching, momentary contact type on the right, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I, with laser labeling, upper case

product designation design of the product product type designation product extension of the actuating element product extension optional light source of the actuating element silver material of the actuating element material of the actuating element shape of the actuating element marking of the actuating element product extension optional light source Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle clockwise clockwise disclockwise d	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 inglicity and product extension optional light source of the actuating element inglicity and product extension optional light source of the actuating element inglicity and product extension optional light source of the actuating element inglicity and product extension optional light source of the actuating element inglicity and product extension optional light source of the actuating element inglicity and product extension optional light source of the actuating element inglicity and product extension optional light source inglicity and product extension opti	product designation	Key-operated switches
product line 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 silver material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case actuating angle olockwise anticlockwise silver 45° silver 46°	design of the product	Actuating/signaling element
manufacturer's article number of included key Actuator principle of operation of the actuating element injult, left latching/momentary contact, 2x45" (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source of the actuating element silver material of the actuating element Metal shape of the actuating element Separate outer diameter of the actuating element Any inscription, text in upper case number of switching positions 3 switch position for key distraction Inactuating angle clockwise 45" anticlockwise 45" anticlockwise 45" soluter diameter of the actuating element Any inscription, text in upper case switch position for key distraction Inactuating angle clock wise 45" actuating angle clock wise 45" solute make Siemens key number SSG10 Front ring product component front ring Standard material 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 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B	product type designation	3SU1
Actuator principle of operation of the actuating element right, left latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source No of the actuating element silver material of the actuating element Marking of the actuating element Shape of the actuating element Ary inscription, text in upper case number of switching positions 3 switch position for key distraction I actuating allement Any inscription, text in upper case number of switching positions 45° • anticlockwise 45° • anticlockwise 45° • anticlockwise 45° ilock make Siemens SSG10 Front ring product component front ring Yes 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 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	product line	Plastic with metal front ring, matt, 22 mm
principle of operation of the actuating element right, left latching product extension optional light source color • of the actuating element	manufacturer's article number of included key	3SU1950-0FP80-0AA0
right, left latching product extension optional light source color of the actuating element material of the actuating element shape of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle oclockwise anticlockwise anticlockwise see anticlockwise front ring product component front ring product component 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 of or railway applications according to EN 61373 Category 1, Class B silver material of the actuating element silver metal selver sylver metal selver metal selver sylver metal selver metal selver sylver sylve	Actuator	
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number of switching positions switch position for key distraction actuating angle	outer diameter of the actuating element	29.5 mm
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actuating angle	number of switching positions	3
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SSG10	anticlockwise	45°
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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 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 category 1, Class B category 1, Class B	material of the front ring	Metal, matt
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 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 Category 1, Class B	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 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 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
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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	

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=3SU1030-5BN21-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BN21-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BN21-0AA0-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=3SU1030-5BN21-0AA0-Z Y11&lang=en

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