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, upper case

product designation design of the product 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 silver material of the actuating element shape of the actuating element shape of the actuating element Arking of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise shapic of the front ring design of the front ring design of the front ring front ring product component front ring design of the front ring plastic color of the front ring degree of protection NEMA rating shock resistance a caccording to IEC 60068-2-27 a for rallway applications according to EN 61373 operating frequency maximum 1 800 1/h product service life (switching cycles) typical recording frequency maximum 1 800 1/h 1	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 of the actuating element material of the actuating element shape of the actuating element material of the actuating element material of the actuating element marking of the actuating pelement marking of the actuating element marking of the actuating element mumber of switching positions switch position for key distraction actuating angle elockwise enablecokwise solicity enables front ring product component front ring design of the front ring material of the front ring design of the front ring material of the front ring design of the front ring formating protection class IP of the terminal degree of protection NEMA rating shock resistance eaccording to IEC 60068-2-6 for railway applications according to EN 61373 vibration resistance eaccording to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B enter the resistance encording to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B enter the resistance eaccording to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B enter the resistance encording to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B enter the resistance encording to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B	product designation	Key-operated switches
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protection class IP	material of the front ring	plastic
protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of the railway applications according to EN 61373 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 1 800 1/h	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 Category 1, Class B vibration resistance ● according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	General technical data	
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vibration resistance	 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 operating frequency maximum 10 500 Hz: 5g Category 1, Class B 1 800 1/h 	 for railway applications according to EN 61373 	Category 1, Class B
● for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	vibration resistance	
operating frequency maximum 1 800 1/h	according to IEC 60068-2-6	10 500 Hz: 5g
	 for railway applications according to EN 61373 	Category 1, Class B
mechanical service life (switching cycles) typical 1 000 000	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=3SU1000-5BL41-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5BL41-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5BL41-0AA0-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=3SU1000-5BL41-0AA0-Z Y11&lang=en

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