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, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I, with laser labeling, upper case

product designation design of the product design of the product product type designation product type designation product type designation product type designation 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 sliver material of the actuating element shape of the actuating element shape of the actuating element for the actuating element shape of the actuating element Actuating of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise shape of the front ring design of the front ring design of the front ring material of the front ring shape of the front ring design of the front ring shape of the front ring design of the front ring shape of the front ring design of the front ring shape of the front ring design of the front ring shape of protection NEMA rating shock resistance a caccording to IEC 60068-2-27 for rallway applications according to EN 61373 operating frequency maximum 1 800 //h mechanical service life (switching cycles) typical recording is recording to IEC 60068-2-6 for rallway applications according to EN 61373 operating frequency maximum 1 800 //h mechanical service life (switching cycles) typical	product brand name	SIRIUS ACT
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o anticlockwise lock make Siemens SSG10 Front ring product component front ring design of the 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 for railway applications according to EN 61373 operating frequency maximum 45° Siemens Siemens Standar Metal, matt sand gray Metal, matt sand gray IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B Category 1, Class B Ocategory 1, Class B Table 1 Siemens	actuating angle	
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key number Front ring product component front ring design of the 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 for 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 operating frequency maximum yes Yes Metal, matt Standard Metal, matt Standard Metal, matt Profe (IP69, IP69(IP69K)) IP20 IP20 IP20 IP20 Sinusoidal half-wave 15g / 11 ms Category 1, Class B Category 1, Class B	anticlockwise	45°
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protection class IP	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 the terminal 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms 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 operating frequency maximum 1 800 1/h	color of the front ring	sand gray
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 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=3SU1030-5BL21-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BL21-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BL21-0AA0-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=3SU1030-5BL21-0AA0-Z Y11&lang=en

last modified: 1/26/2022 🖸