SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, metal, shiny, lock number SSG10, with 2 keys, 3 switch positions I-O-II, latching, actuating angle $2x45^{\circ},\,10:30h/12h/13:30h,$ key removal II, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product type designation product type designation product type designation manufacturer's article number of included key Actuation principle of operation 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 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 actuating angle clockwise clockwise shape of the actuating element Afs switch position for key distraction actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the actuating element Association actuating angle clockwise shape of the front ring Association Associatio	product brand name	SIRIUS ACT
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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 lP20 degree of protection NEMA rating shock resistance o according to IEC 60068-2-27 vibration resistance o according to IEC 60068-2-6 operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical	anticlockwise	45°
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protection class IP of the terminal degree of protection NEMA rating shock resistance o according to IEC 60068-2-27 vibration resistance o according to IEC 60068-2-6 operating frequency maximum nechanical service life (switching cycles) typical IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g operating frequency maximum 1 800 1/h 300 000	material of the front ring	Metal, high gloss
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 ◆ according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000 	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 300 000	vibration resistance	
mechanical service life (switching cycles) typical 300 000	according to IEC 60068-2-6	10 500 Hz: 5g
	operating frequency maximum	1 800 1/h
reference code according to IEC 81346-2 S	mechanical service life (switching cycles) typical	300 000
	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=3SU1050-5BL31-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BL31-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BL31-0AA0-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=3SU1050-5BL31-0AA0-Z Y15&lang=en

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