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, momentary contact on the left, latching on the right, actuating angle $2x45^{\circ}, 10:30h/12h/13:30h,$ key removal O Z=50-unit packaging

product designation design of the product product type designation product time 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 shape of the actuating element number of switching positions switch position for key distraction actuating angle clock wise anticlockwise senticlockwise senticlockwise senticlockwise senticlockwise design of the front ring design of the front ring material of the front ring design of the front ring for the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum Plastic with metal front ring tending element product component front end subject of the actuating element sproduct component front ring shock protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum 1 800 1/h 1 000 0000	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 left, right latching product extension optional light source of the actuating element silver material of the actuating element metal shape of the actuating element shape of the actuating element lounder diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction Oactuating angle clockwise 45° oanticlockwise 45° oanticlockwise 45° lock make Siemens key number SG10 product component front ring Standard material of the front ring Standard material of the front ring sand gray General technical data protection class IP IP66, IP67, IP69(IP69K) of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 operating frequency maximum 1800 1h sould suit switch metal front ring search (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h) h/12 h/13:30 h), return from left, right latching (245° (10:30 h/12 h), return from left, right latching (245° (10:3	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	design of the product	Actuating/signaling element
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left, right latching	Actuator	
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actuating angle	number of switching positions	3
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protection class IP	material of the front ring	Metal, matt
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of tor 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 operating frequency maximum 1 800 1/h	color of the front ring	sand gray
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vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
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 ◆ 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

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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=3SU1030-5BP01-0AA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BP01-0AA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BP01-0AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5BP01-0AA0-Z X90&lang=en

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