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°, 10:30h/12h/13:30h, key removal O+II, with laser labeling, lower 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 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 arking tatching arking tatch	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, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional light source of the actuating element silver material of the actuating element Metal shape of the actuating element Metal shape of the actuating element Any inscription, text in lower case marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle olockwise olockwise olockwise olockwise olockwise olockwise olock make siemens key number Front ring product component front ring design of the front ring material of the front ring sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance olockwise clockwise clockwise clock resistance olockwise clock resistance olockories later clor of the front sign sinusoidal half-wave 15g / 11 ms Category 1, Class B vibration resistance olockories later	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 marking of the actuating element marking of the actuating element marking of the actuating positions switch position for key distraction actuating angle • clockwise • anticlockwise lock make key number Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the front ring sond gray General technical data Place is in according to IEC 60068-2-6 • for railway applications according to EN 61373 Place is in actuating element marking of the actuating element Any inscription, text in lower case Any inscription, text in lower case 1	design of the product	Actuating/signaling element
manufacturer's article number of included key Actuator principle of operation of the actuating element left, right latching product extension optional light source color 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 lower case number of switching positions 3 switch position for key distraction O+II actuating angle clockwise anticlockwise anticlockwise separate Separ	product type designation	3SU1
Actuator principle of operation of the actuating element left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional light source No of the actuating element silver material of the actuating element Marking of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction O+II actuating angle olockwise 45° anticlockwise 45°	product line	Plastic with metal front ring, matt, 22 mm
principle of operation of the actuating element product extension optional light source color	manufacturer's article number of included key	3SU1950-0FP80-0AA0
left, right latching	Actuator	
color	principle of operation of the actuating element	
of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction actuating angle olockwise 45° oanticlockwise 45° lock 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 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance occurrence of ror railway applications according to EN 61373 Category 1, Class B vibration resistance occurrence of ror railway applications according to EN 61373 Category 1, Class B vibration resistance occurrence occording to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B	product extension optional light source	No
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outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle e clockwise for anticlockwise e anticlockwise front ring product component front ring design of the front ring material of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 for railway applications according to EN 61373 Vibration resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 Calegory 1, Class B A5° A5° A5° A5° A5° A5° A5° A5	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise Iock make key number Front ring product component front ring design of the 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 60068-2-7 • 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 O+II Any inscription, text in lower case Any inscription, text in lower case 3 3 Any inscription, text in lower case 45° 45° 45° 45° 45° 45° 45° 45	shape of the actuating element	Key
number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise 10ck make key number Front ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP • of the terminal 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 O+II 45° 45° 45° 45° 45° 45° 45° 4	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise Iock make 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 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B	marking of the actuating element	Any inscription, text in lower case
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clockwise anticlockwise 45° lock make Siemens key number SSG10 Front ring product component front ring design of the front ring material of the front ring Color of the front ring sand gray General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6	switch position for key distraction	O+II
anticlockwise lock make key number Siemens Ver Metal, matt Siemens Siemens Metal, matt Siemens Siemens Metal, matt Siemens Metal, matt Siemens Si	actuating angle	
lock make key number SSG10 Front ring product component front ring design of the front ring material of the front ring color of the front ring sand gray General technical data protection class IP of the terminal leg20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or 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	• clockwise	45°
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color of the front ring General technical data 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	design of the front ring	Standard
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 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	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 ribration 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 for railway applications according to EN 61373 Category 1, Class B 10 500 Hz: 5g for railway applications according to EN 61373 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 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 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B 	of the terminal	IP20
 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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 	shock resistance	
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 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=3SU1030-5BP61-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BP61-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BP61-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1030-5BP61-0AA0-Z Y12&lang=en

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