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 O, with laser labeling, lower case

product designation design of the product product type designation product type designation product type designation 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 sliver material of the actuating element shape of the actuating element shape of the actuating element for actuating element shape of the actuating element Arbigory of the actuating element shape of the actuating element Arbigory of the firent ining Arbigory of the front ring	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 product extension optional light source of the actuating element material of the actuating element shape of the actuating element making of the actuating element marking of the actuating element marking of the actuating element mumber of switching positions switch position for key distraction actuating angle olockwise olockwise after enables of the front ring front ring product component front ring design of the front ring material of the front ring material of the front ring design of the front ring design of the front ring sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 operating frequency maximum 1 south front ring accused according to EN 61373 operating frequency maximum 1 south front ring accused according to EN 61373 operating frequency maximum 1 south front ring accused accused according to EN 61373 operating frequency maximum 1 south front ring accused according to EN 61373 operating frequency maximum 1 south front ring accused accused according to EN 61373 operating frequency maximum 1 south front ring accused accused accused according to EN 61373 operating frequency maximum 1 south front ring accused accused accused according to EN 61373 operating frequency maximum 1 south rine rine rine rine rine rine rine rine	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 material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise seanticlockwise 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 svibration resistance according to IEC 60068-2-6 of ratiway applications according to EN 61373 operating frequency maximum 1 800 t/h	design of the product	Actuating/signaling element
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 material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction actuating angle electockwise anticlockwise olock make Siemens key number SSG10 Front ring product component front ring design of the front ring design of the front ring color of the front ring sand gray General technical data protection class IP of the terminal liP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of rarialway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 of rarialway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	product type designation	3SU1
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 warking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clockwise anticlockwise selection lock make silver sil	product line	Plastic with metal front ring, matt, 22 mm
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 marking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction octouch actuating angle oclockwise silver actuating angle oclockwise solution of the actuating element Any inscription, text in lower case actuating angle oclockwise solution of the actuating element Any inscription, text in lower case actuating angle oclockwise solution of the actuating element Any inscription, text in lower case actuating angle oclockwise solution of the actuating element Any inscription, text in lower case actuating angle oclockwise solution of the actuating element Any inscription, text in lower case actuating angle oclockwise solution of the actuating occurrence ocion of the actuating element Any inscription, text in lower case actuating angle oclockwise solution occurrence ocion of the actuating silver actuating occurrence ocion	manufacturer's article number of included key	3SU1950-0FP80-0AA0
product extension optional light source color • of the actuating element material of the actuating element shape of the actuating element shape of the actuating element marking of the actuating element marking of the actuating pelement marking of the actuating pelement Any inscription, text in lower case number of switching positions switch position for key distraction octuating angle • clockwise • anticlockwise • anticlockwise 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 general technical data protection class IP • of 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 1 800 1/h swips of the situating selment silver metal skey metal 489 48° 45° 45° 45° 45° 45° 45° 45°	Actuator	
color • of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction O actuating angle • clockwise 45° • anticlockwise 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 IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h server silver metal silver metal selve sequence sequence silver sequence silver sequence sequence sequence silver sequence sequence sequence sequence sequence silver sequence sequ	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
of the actuating element metal shape of the actuating element Key outer diameter 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 3 switch position for key distraction O actuating angle oclockwise 45° anticlockwise 45° inck make Siemens key number SSG10 Front ring product component front ring Yes design of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 5 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 180016 enter the control of the Siemen Siem	product extension optional light source	No
material of the actuating element shape of the actuating element well shape of the actuating element working of the actuating element number of switching positions switch position for key distraction octuating angle octockwise anticlockwise anticlockwise switch position for key distraction octuating angle octockwise anticlockwise sent octuating sent octuation, text in lower case sent octuating octuation, text in lower case sent octuating lower case sent octuating lower case sent octuating octuation, text in lower case sent octuating lower case sent octuation, text in lower case sent octuating lower case sent octuation, text in lower case sent occurrence se	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise lock make key number sSG10 Front ring product component front ring design of the front ring color 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 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum Any inscription, text in lower case 29.5 mm Any inscription, text in lower case 45° 29.5 mm Any inscription, text in lower case 45° 29.6 mm Any inscription, text in lower case 45° 29.6 mm Any inscription, text in lower case 29.5 mm Any inscription, text in lower case 45° 29.6 mm Any inscription, text in lower case 29.6 maximal color of the front ring 29.6 maximal color of case 29.6 maximal case 29.7 maximal case 29.8 maximal ca	 of the actuating element 	silver
outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction 0 actuating angle 45° e clockwise 45° e anticlockwise 45° lock make Siemens key number SSG10 Front ring product component front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP IP66, IP67, IP69(IP69K) e of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms e for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g e according to IEC 60068-2-6 10 500 Hz: 5g e for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction octuating angle oclockwise anticlockwise anticlockwise seanticlockwise 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 sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of for railway applications according to EN 61373 operating frequency maximum Any inscription, text in lower case 45° 0 0 0 45° 45° 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 • anticlockwise 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 degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h O description of the final of the	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise 45° lock make Siemens key number Front ring product component front ring design of the front ring material 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 60068-2-27 • for railway applications according to EN 61373 operating frequency maximum 0 45° 45° 45° 45° 45° 45° 45°	marking of the actuating element	Any inscription, text in lower case
actuating angle	number of switching positions	3
clockwise anticlockwise anticlockwise siemens siemen	switch position for key distraction	0
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 standard 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 Operating frequency maximum 1 800 1/h	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 legree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum Siemens Sied 10 Les 20 Ves Standard Metal, matt sand gray IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	• clockwise	45°
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 PP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 Sinusoidal half-wave 15g / 11 ms Category 1, Class B Category 1, Class B	anticlockwise	45°
Front ring product component front ring design of the front ring Metal, matt 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 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 operating frequency maximum Yes Standard Metal, matt Standard Metal, matt Sand gray IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	lock make	Siemens
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 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 operating frequency maximum Yes Metal, matt Metal, matt Metal, matt Standard Metal, matt	key number	SSG10
design of the front ring material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B operating frequency maximum Standard Metal, matt Standard Metal, matt Standard Metal, matt Standard Standard Metal, matt Standard Standard Standard Standard Metal, matt Standard	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 of 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	product component front ring	Yes
color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance o according to IEC 60068-2-27 of the railway applications according to EN 61373 vibration resistance o according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 Category 1, Class B category 1, Class B operating frequency maximum 1 800 1/h	design of the front ring	Standard
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 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 operating frequency maximum 1 800 1/h	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 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 10 500 Hz: 5g Category 1, Class B operating frequency maximum 1 800 1/h	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 operating frequency maximum 1 800 1/h	protection class IP	IP66, IP67, IP69(IP69K)
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 operating frequency maximum 1 800 1/h	 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 operating frequency maximum 1 800 1/h 	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 Category 1, Class B 1 800 1/h 	shock resistance	
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
 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=3SU1030-5BL01-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BL01-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BL01-0AA0-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=3SU1030-5BL01-0AA0-Z Y12&lang=en

last modified: 1/26/2022 🖸