SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, plastic, lock number SSG10, with 2 keys, 2 switch positions O-I, latching, actuating angle $90^\circ, 10:30h/13:30h,$ key removal O+I, with laser labeling, upper case

design of the product product product yellow designation and product type designation as U1 product type designation as U1 product tiline plastic, black, 22 mm manufacturer's article number of included key as U1950-0FP80-0AA0 Actuator Principle of operation of the actuating element product extension optional light source N0 of the actuating element silver material of the actuating element waterial of the actuating element Marking of the actuating element Any inscription, text in upper case number of switching positions 2 switch position for key distraction O+I actuating angle oclockwise 90° lock make Siemens Seg10 Front ring product component front ring Standard material of the front ring black General technical data protection class IP 160 0000 AT Seg10	product brand name	SIRIUS ACT	
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 of the actuating element 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 upper case number of switching positions 2 switch position for key distraction actuating angle oclockwise 90° lock make key number SSG10 Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring protection class IP of the terminal degree of protection NEMA rating sull plastic shack, 22 mm policy black, 22 mm (10:30 h/13:30 h) policy (10:30 h/13:30 h) polic	product designation	Key-operated switches	
product line Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0FP80-0AA0 Actuator principle of operation of the actuating element product extension optional light source No color • of the actuating element silver material of the actuating element Key outer diameter of the actuating element Any inscription, text in upper case number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make Siemens key number SSG10 Front ring product component front ring Standard material of the front ring plastic color of the front ring black General technical data protection NEMA rating 1,2,3,3R,4,4X,12,13 shock resistance	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 of the actuating element material 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 Any inscription, text in upper case number of switching positions switch position for key distraction actuating angle olockwise lock make Siemens key number Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring fleet e of the terminal degree of protection NEMA rating shock resistance latching, 90° (10:30 h/13:30 h) No (10:30 h/13:30 h) Positions (10:30 h/13:30 h) Posit	product type designation	3SU1	
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material of the actuating element shape of the actuating element wetal shape of the actuating element cuter diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise go° lock make key number sequence 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 element key go y lock in upper case 29.5 mm Any inscription, text in upper case 29	color		
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outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction actuating angle clockwise 90° 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 protection class IP of the terminal degree of protection NEMA rating switch position, text in upper case 29.5 mm Any inscription, text in upper case 29.6 minus per case 190° Siemens SSG10 Front ring Standard plastic black General technical data protection class IP of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	material of the actuating element	metal	
marking of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise 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 protection class IP • of the terminal degree of protection NEMA rating switch position, text in upper case 2 Any inscription, text in upper case 2 Set in upper case 4 Set in upper case 90° Standard Set in upper case 90° Standard For in product component front ring Standard plastic color of the front ring black General technical data protection class IP • of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	shape of the actuating element	Key	
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switch position for key distraction actuating angle ● clockwise 90° 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 plastic color of the front ring black 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	marking of the actuating element	Any inscription, text in upper case	
actuating angle	number of switching positions	2	
● clockwise 90° lock make Siemens key number SSG10 Front ring product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black General technical data protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	switch position for key distraction	O+I	
lock make key number SSG10 Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal lP20 degree of protection NEMA rating siemens Siemens Siemens Standard Pres Standard plastic plastic plack IP66, IP67, IP69(IP69K) IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	actuating angle		
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Front ring product component front ring design of the front ring material of the front ring color of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance Yes Standard plastic plastic plastic plack IP66, IP67, IP69(IP69K) IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13	lock make	Siemens	
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design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance Standard plastic plastic lP66, IP67, IP69(IP69K) IP20 IP20	Front ring		
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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 black IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13	design of the front ring	Standard	
General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13	material of the front ring	plastic	
protection class IP of the terminal degree of protection NEMA rating shock resistance IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13	color of the front ring	black	
● of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	General technical data		
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	protection class IP	IP66, IP67, IP69(IP69K)	
shock resistance	of the terminal	IP20	
	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	shock resistance		
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
• for railway applications according to EN 61373 Category 1, Class B	for railway applications according to EN 61373	Category 1, Class B	
vibration resistance	vibration resistance		
• according to IEC 60068-2-6 10 500 Hz: 5g	according to IEC 60068-2-6	10 500 Hz: 5g	
• 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	operating frequency maximum	1 800 1/h	
mechanical service life (switching cycles) typical 1 000 000	mechanical service life (switching cycles) typical	1 000 000	
reference code according to IEC 81346-2			

Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	100 000
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=3SU1000-5BF11-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5BF11-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5BF11-0AA0-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=3SU1000-5BF11-0AA0-Z Y11&lang=en

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