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+I, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name			
	SIRIUS ACT		
product designation	Key-operated switches		
design of the product	Actuating/signaling element		
product type designation	3SU1		
product line	Plastic with metal front ring, matt, 22 mm		
manufacturer's article number of included key	3SU1950-0FP80-0AA0		
Actuator			
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)		
product extension optional light source	No		
color			
of the actuating element	silver		
material 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 upper/lower case, all words begin with upper case letters		
number of switching positions	3		
switch position for key distraction	O+I		
actuating angle			
• clockwise	45°		
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)		
of the terminal	IP20		
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		
mechanical service life (operating cycles) typical	1 000 000		
reference code according to IEC 81346-2	S		

	40/04/0044
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	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1030-5BL51-0AA0-Z Y15

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1030-5BL51-0AA0-Z\ Y15}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BL51-0AA0-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=3SU1030-5BL51-0AA0-Z Y15&lang=en

last modified:	1/26/2022 🖸	