SIEMENS

key-operated switch Siemens, 22 mm, round, metal, shiny, lock number SSG10, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name	SIRIUS ACT
product designation	Key-operated switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 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, every line begins with upper case letter
number of switching positions	3
switch position for key distraction	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, high gloss
color of the front ring	silver
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
vibration resistance	
● according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	300 000
reference code according to IEC 81346-2	S

7/9/2022

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=3SU1050-5BL21-0AA0-Z Y10

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BL21-0AA0-Z Y10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BL21-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5BL21-0AA0-Z Y10&lang=en

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