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 $2x45^{\circ}$, 10:30h/12h/13:30h, key removal O, with laser labeling, lower case

needuat brand name	SIRIUS ACT	
product brand name		
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	momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching	
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	Customized labeling, text in lower case letters	
number of switching positions	3	
switch position for key distraction	0	
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
Substance Prohibitance (Date)	10/01/2014
Safety related data	
proportion of dangerous failures	
 with low demand rate according to SN 31920 	20 %
 with high demand rate according to SN 31920 	20 %
B10 value with high demand rate according to SN 31920	300 000
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
Approvals Certificates	

CE EG-Konf.

General Product Approval

Confirmation







Type Test Certificates/Test Report

Test Certificates

Test Certificates Marine / Shipping other

Special Test Certificate









Confirmation

Environment

Environmental Confirmations

Further information

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=3SU1030-5BP01-0AA0-Z Y12

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1030-5BP01-0AA0-Z\ Y12}$

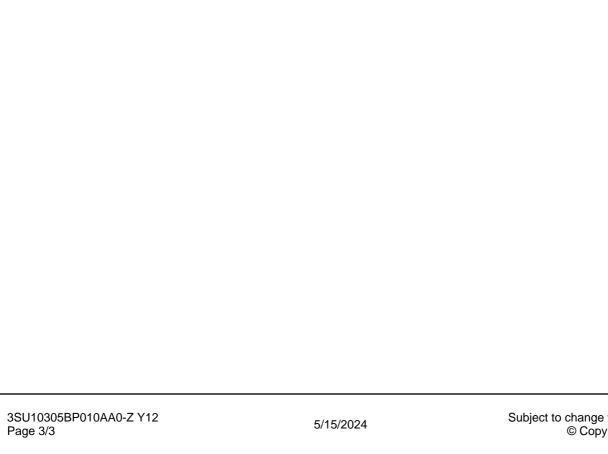
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BP01-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5BP01-0AA0-Z\ Y12\&lang=en}$

last modified: 3/2/2024 🖸



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

A6X30139943