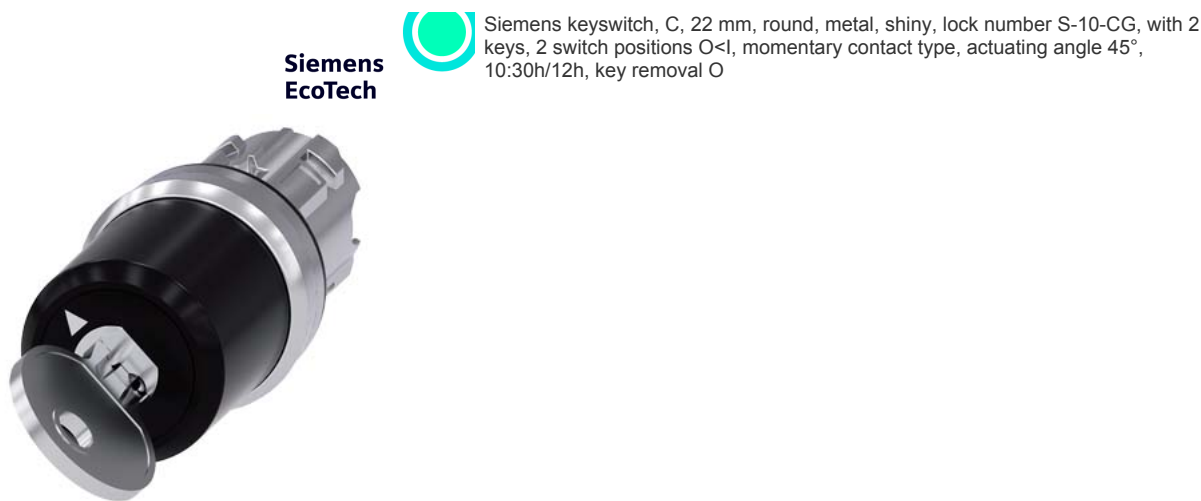




Siemens keyswitch, C, 22 mm, round, metal, shiny, lock number S-10-CG, with 2 keys, 2 switch positions O<I, momentary contact type, actuating angle 45°, 10:30h/12h, key removal O

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	momentary contact, 45° (10:30 h/12 h), return from center to left
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
number of switching positions	2
switch position for key distraction	O
actuating angle	
• clockwise	45°
lock make	Siemens, C
key number	S-10-CG
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)
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 60068-2-27	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 (operating cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibittance (Date)	10/01/2014

SVHC substance name	Lead - 7439-92-1		
Weight	156 g		
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	500 000		
failure rate [FIT] with low demand rate according to SN 31920	100 FIT		
IEC 61508			
T1 value for proof test interval or service life according to IEC 61508	20 a		
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%)		
Environmental footprint			
Environmental Product Declaration (EPD)	Yes		
global warming potential [CO2 eq] total	0.593 kg		
global warming potential [CO2 eq] during manufacturing	0.625 kg		
global warming potential [CO2 eq] during operation	0.235 kg		
global warming potential [CO2 eq] after end of life	-0.267 kg		
Siemens Eco Profile (SEP)	Siemens EcoTech		
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			
<table> <tr> <td>General Product Approval</td><td>Test Certificates</td></tr> </table>		General Product Approval	Test Certificates
General Product Approval	Test Certificates		



[Confirmation](#)



[Special Test Certificate](#)

Test Certificates

other

Environment

[Type Test Certificates/Test Report](#)

[Confirmation](#)



Siemens
EcoTech



[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=3SU1050-5BC01-0AA0>

Cax online generator

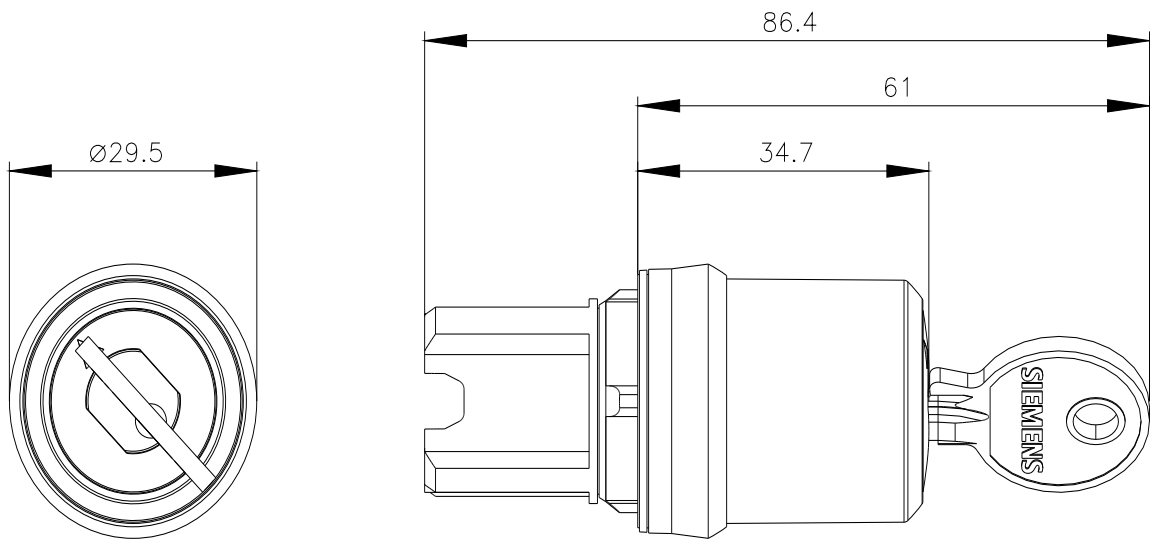
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BC01-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BC01-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5BC01-0AA0&lang=en



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2/26/2025 