





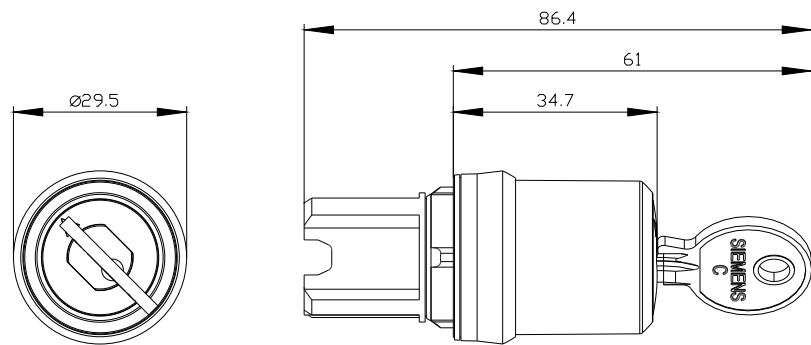




Siemens keyswitch, C, 22 mm, round, metal, shiny, lock number S-10-CG, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I

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	<a href="#">3SU1950-0FP80-0AA0</a>
Actuator	
principle of operation of the actuating element	latching, 90° (10:30 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
number of switching positions	2
switch position for key distraction	O+I
actuating angle	
• clockwise	90°
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 Prohibitance (Date)	10/01/2014

<b>SVHC substance name</b>	Lead - 7439-92-1
<b>Weight</b>	153 g
<b>Safety related data</b>	
<b>proportion of dangerous failures</b>	
• with low demand rate according to SN 31920	20 %
• with high demand rate per NC contact according to SN 31920	20 %
• with high demand rate per NO contact according to SN 31920	50 %
<b>B10 value with high demand rate according to SN 31920</b>	100 000
<b>failure rate [FIT] with low demand rate per NC contact according to SN 31920</b>	100 FIT
<b>IEC 61508</b>	
T1 value for proof test interval or service life according to IEC 61508	20 a
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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%)
<b>Environmental footprint</b>	
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
<b>Installation/ mounting/ dimensions</b>	
<b>height</b>	29.5 mm
<b>width</b>	29.5 mm
<b>shape of the installation opening</b>	round
<b>mounting diameter</b>	22.3 mm
<b>positive tolerance of installation diameter</b>	0.4 mm
<b>mounting height</b>	61 mm
<b>installation width</b>	29.5 mm
<b>installation depth</b>	25.4 mm
<b>Approvals Certificates</b>	
<b>General Product Approval</b>	<b>Test Certificates</b>
<div>     <div> <a href="#">Type Test Certificates/Test Report</a> <a href="#">Special Test Certificate</a> </div> </div>	
<b>other</b>	<b>Environment</b>
<div> <a href="#">Confirmation</a>   <a href="#">Environmental Confirmations</a> </div>	
<b>Further information</b>	
<b>Information on the packaging</b> <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a> <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a> <b>Industry Mall (Online ordering system)</b> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5BF11-0AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5BF11-0AA0</a> <b>Cax online generator</b> <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-5BF11-0AA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-5BF11-0AA0</a> <b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BF11-0AA0">https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BF11-0AA0</a> <b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b>	



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