

## Data sheet

3SU1000-5BF11-0AA0

Siemens  
EcoTech



Siemens keyswitch, C, 22 mm, round, plastic, 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	Plastic, black, 22 mm
manufacturer's article number of included key	<a href="#">3SU1950-0FP80-0AA0</a>
<b>Actuator</b>	
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 distinction	O+I
actuating angle	
• clockwise	90°
lock make	Siemens, C
key number	S-10-CG
<b>Front ring</b>	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
<b>General technical data</b>	
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
• 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
SVHC substance name	Lead - 7439-92-1
Net Weight	128 g

#### Safety related data

<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
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<b>failure rate [FIT] with low demand rate per NC contact according to SN 31920</b>	100 FIT
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<b>IEC 61508</b>	
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<b>T1 value for proof test interval or service life according to IEC 61508</b>	20 a
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#### Ambient conditions

<b>ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C

<b>environmental category during operation according to IEC 60721</b>	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)
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#### Environmental footprint

<b>Environmental Product Declaration(EPD)</b>	Yes
<b>global warming potential [CO2 eq] total</b>	0.787 kg
<b>global warming potential [CO2 eq] during manufacturing</b>	0.566 kg
<b>global warming potential [CO2 eq] during operation</b>	0.235 kg
<b>global warming potential [CO2 eq] after end of life</b>	-0.015 kg

<b>Siemens Eco Profile (SEP)</b>	Siemens EcoTech
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#### Installation/ mounting/ dimensions

<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

#### Approvals Certificates

<b>General Product Approval</b>	<b>Test Certificates</b>
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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

<b>Maritime application</b>	<b>other</b>
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[Confirmation](#)

<b>Environment</b>
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#### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1000-5BF11-0AA0>

Cax online generator

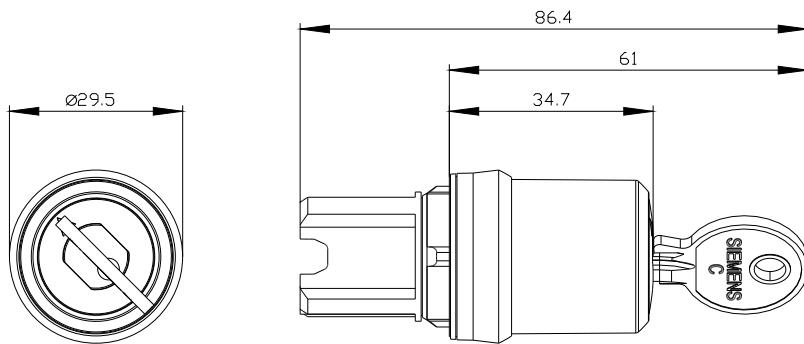
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5BF11-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5BF11-0AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1000-5BF11-0AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5BF11-0AA0&lang=en)



last modified:

6/3/2025