



key-operated switch Siemens, 22 mm, round, plastic with metal front ring, lock number SSG10, with 2 keys, 3 switch positions I-O<II, left latching, momentary contact type on the right, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I

product brand name
product designation
design of the product
product type designation
product line
manufacturer's article number of included key

SIRIUS ACT
Key-operated switches
Actuating/signaling element
3SU1
Plastic with metal front ring, matt, 22 mm
[3SU1950-0FP80-0AA0](#)

Actuator

principle of operation of the actuating element

latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left 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

number of switching positions

3

switch position for key distraction

I

actuating angle

- clockwise
- anticlockwise

45°

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

- of the terminal

IP66, IP67, IP69(IP69K)

IP20

degree of protection NEMA rating

1, 2, 3, 3R, 4, 4X, 12, 13

shock resistance

- according to IEC 60068-2-27
- for railway applications according to EN 61373

sinusoidal half-wave 15g / 11 ms

Category 1, Class B

vibration resistance

- according to IEC 60068-2-6
- for railway applications according to EN 61373

10 ... 500 Hz: 5g

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

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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	
General Product Approval	Declaration of Conformity



[Confirmation](#)



Test Certificates	Marine / Shipping
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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[Confirmation](#)

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=3SU1030-5BN21-0AA0>

Cax online generator

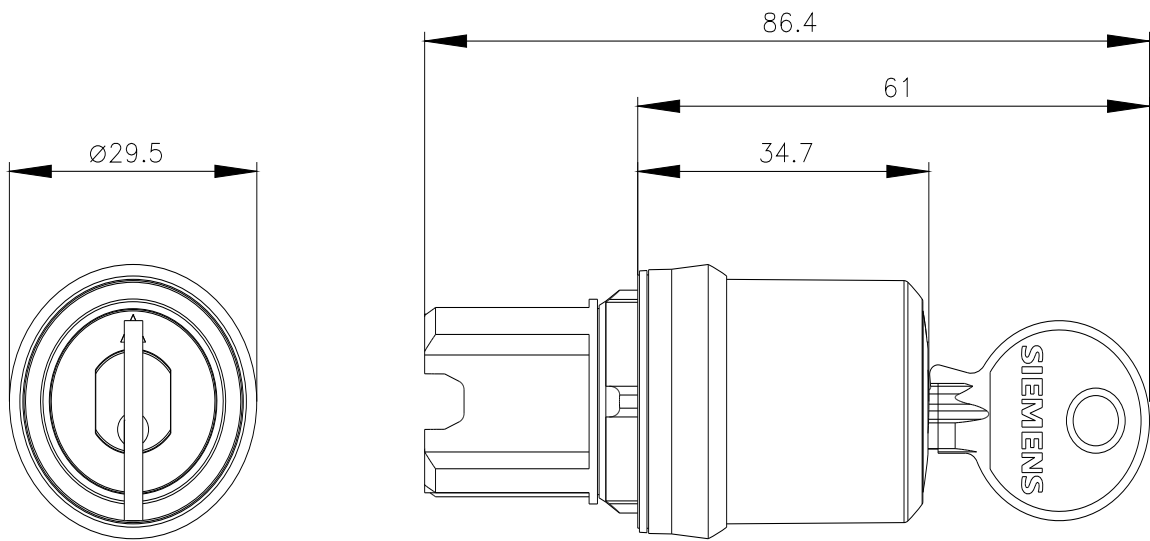
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BN21-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BN21-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5BN21-0AA0&lang=en



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1/26/2022 