



Figure similar

Selector switch, Illuminable 22 mm, round, plastic, black, knob, short 3 switch positions I-O-II, latching, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, screw terminal

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

- of supplied contact module at position 1
- of supplied contact module at position 2
- of the supplied holder
- of the supplied actuator

SIRIUS ACT
 Selector switches
 Complete unit
 3SU1
 Plastic, black, 22 mm
[3SU1400-1AA10-1FA0](#)
[3SU1400-1AA10-1FA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1002-2BL10-0AA0](#)

Enclosure

number of command points 1

Actuator

design of the actuating element Selector, short
principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h)
product extension optional light source Yes
color of the actuating element black
material of the actuating element plastic
shape of the actuating element round
outer diameter of the actuating element 32.3 mm
number of contact modules 2
number of switching positions 3
actuating angle

- clockwise 45°
- anticlockwise 45°

Front ring

product component front ring Yes
design of the front ring standard
material of the front ring plastic
color of the front ring black

Holder

material of the holder Plastic

Display

number of LED modules 0

General technical data

product function positive opening Yes
product component light source No
insulation voltage rated value 500 V
degree of pollution 3

type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20, clamping screw tightened
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 (switching cycles) typical	1 000 000
electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC rated value	5 ... 500 V

Power Electronics

contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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Auxiliary circuit

design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2

Connections/ Terminals

type of electrical connection	screw-type terminals
• of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1.0 ... 1.5 mm ²)
• at AWG cables	2x (18 ... 14)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m

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%, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions

fastening method	
• of modules and accessories	Front plate mounting
height	40 mm
width	32.3 mm
shape of the installation opening	round
mounting diameter	22.3 mm

positive tolerance of installation diameter	0.4 mm
mounting height	28.8 mm
installation width	32.3 mm
installation depth	71.7 mm

Certificates/ approvals

General Product Approval

Declaration of
Conformity



[Confirmation](#)



Declaration of
Conformity

Test Certificates

Marine / Shipping



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping

other



[Confirmation](#)

[Environmental Confirmations](#)

Further information

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=3SU1100-2BL10-1NA0>

Cax online generator

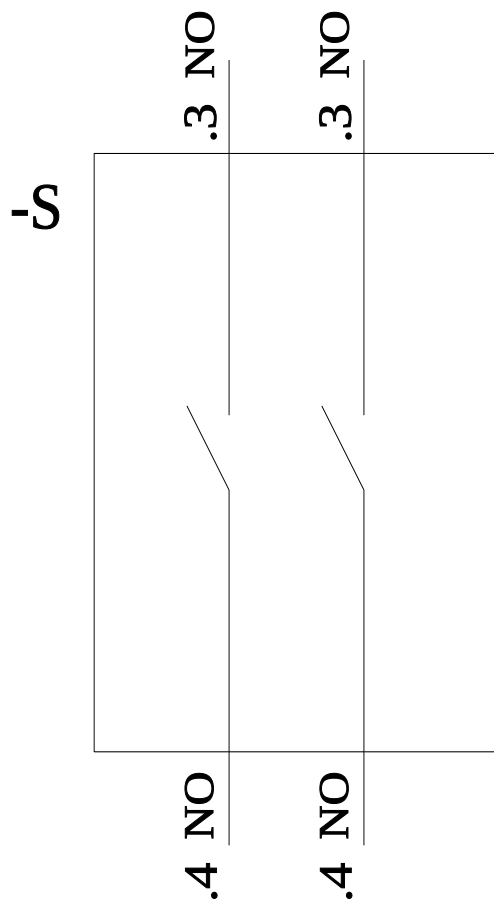
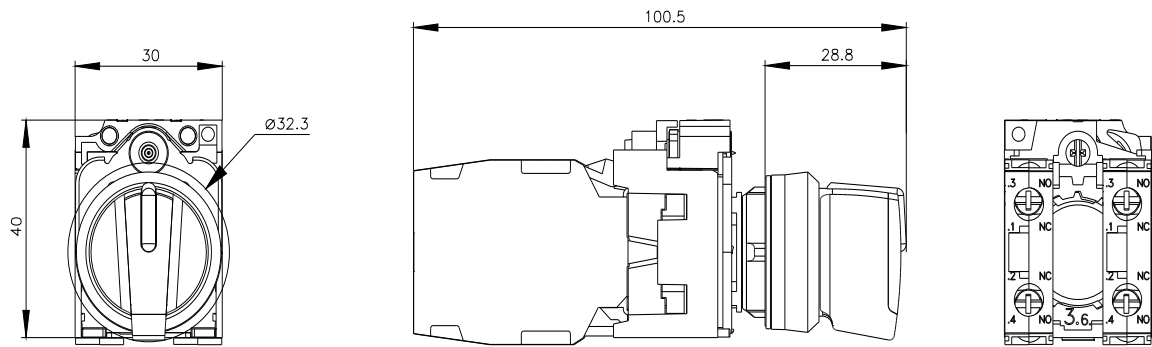
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL10-1NA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL10-1NA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BL10-1NA0&lang=en



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