

Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 2 switch positions O-I, latching, 10:30h/13:30h, with holder, 1 NO, screw terminal



Product brand name	SIRIUS ACT
Product designation	Selector switches
Design of the product	Complete unit
Product type designation	3SU1
Product line	Plastic, black, 22 mm
Manufacturer's article number	
• 1 of supplied contact module	3SU1400-1AA10-1BA0
• of the supplied holder	3SU1500-0AA10-0AA0
• of the supplied actuator	3SU1002-2BF60-0AA0

Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	Selector, short
Manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
Product extension optional Light source	Yes
Color of the actuating element	white
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	1
Number of switching positions	2
Actuating angle	
• clockwise	90°
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	No
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
Degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN 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 acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	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
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	0
Number of NO contacts for auxiliary contacts	1

Connections/ Terminals

Type of electrical connection	
• 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 conductors	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 acc. to SN 31920	100 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C

- during storage

-40 ... +80 °C

Environmental category during operation acc. 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

Mounting type

- 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

49.7 mm

Certificates/ approvals

General Product Approval

Declaration of Conformity



[Miscellaneous](#)

Test Certificates

Marine / Shipping

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping

other



[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

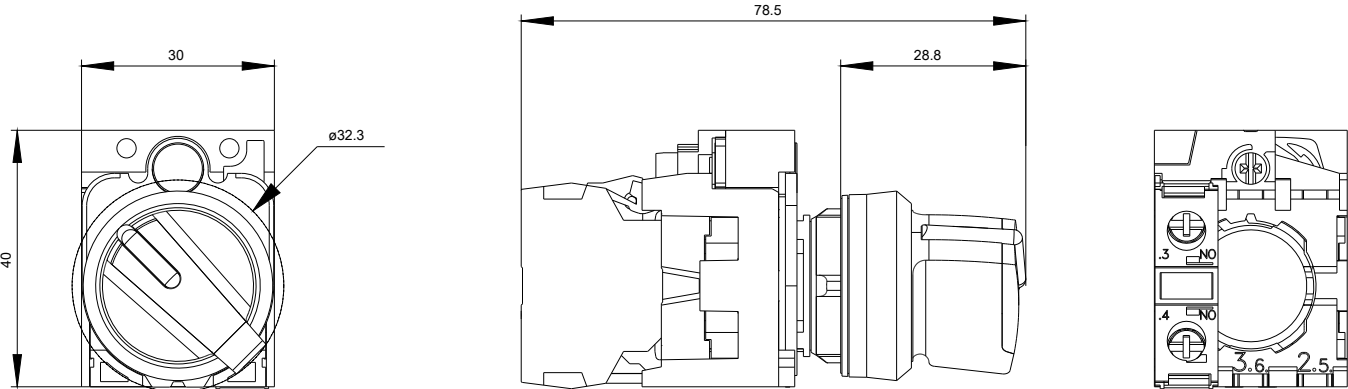
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-2BF60-1BA0>

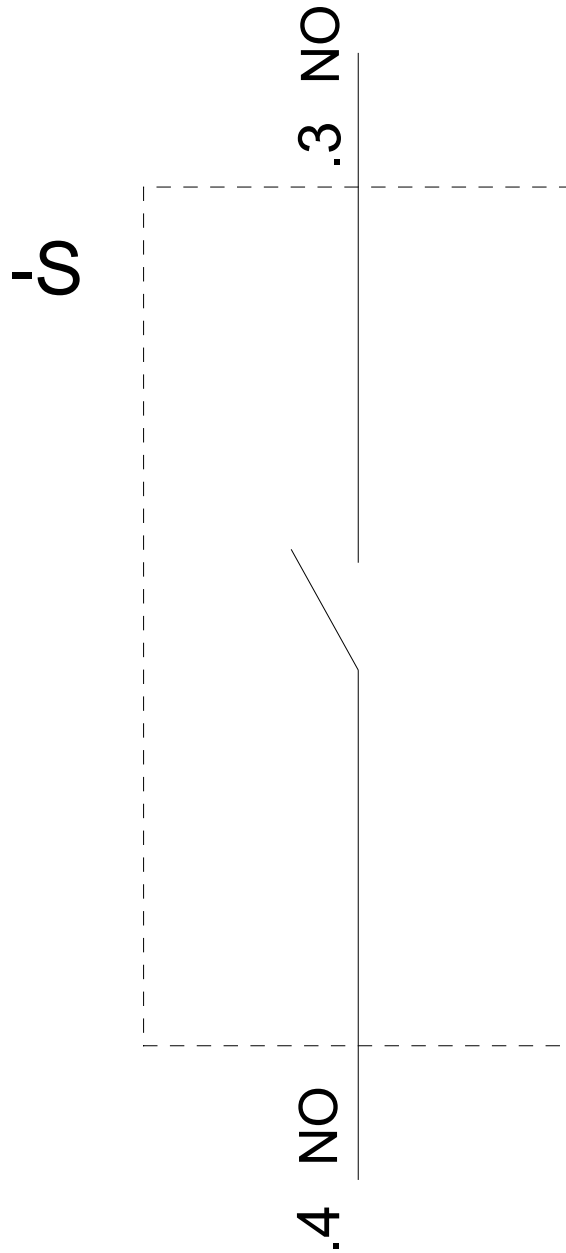
Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BF60-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BF60-1BA0>





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