

Selector switch, illuminable, 22 mm, round, metal, shiny, white, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with holder, 1 NO+1 NC, screw terminal



product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
- Manufacturer's article number 1 of supplied contact module - Manufacturer's article number of the supplied holder - Manufacturer's article number of the supplied actuator	3SU1400-1AA10-1FA0 3SU1550-0AA10-0AA0 3SU1052-2BF60-0AA0

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	90°
• clockwise	

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

Holder	
Material of the holder	Metal

Display	
Number of LED modules	0

General technical data	
• product function positive opening	Yes
• product component light source	No
insulation voltage	500 V
• rated value	
degree of pollution	3
type of voltage	AC/DC
• of the operating voltage	
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 50g / 11 ms
• vibration resistance acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
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
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
•	5 ... 500 V
— operating voltage at AC at 50 Hz rated value	

— operating voltage at AC at 60 Hz rated value	5 ... 500 V
• operating voltage 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)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
• number of NC contacts for auxiliary contacts	1
• 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)
• Type of connectable conductor cross-sections solid without core end processing	2x (1.0 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)
• type of connectable conductor cross-sections 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	
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	71.7 mm

Certificates/ approvals

General Product Approval

Declaration of Conformity



[Miscellaneous](#)

Test Certificates

Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



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=3SU1150-2BF60-1FA0>

Cax online generator

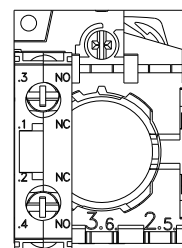
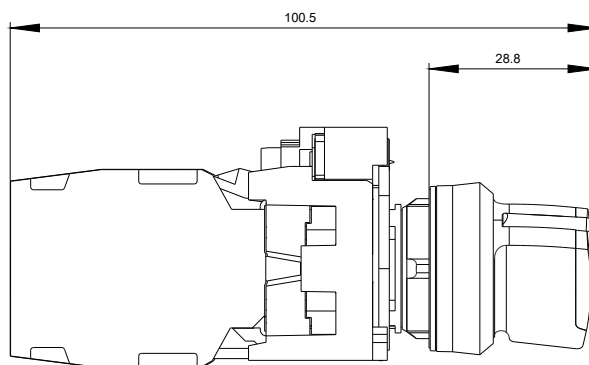
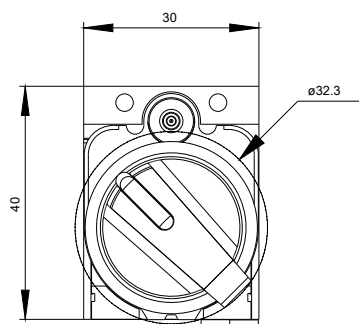
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-1FA0>

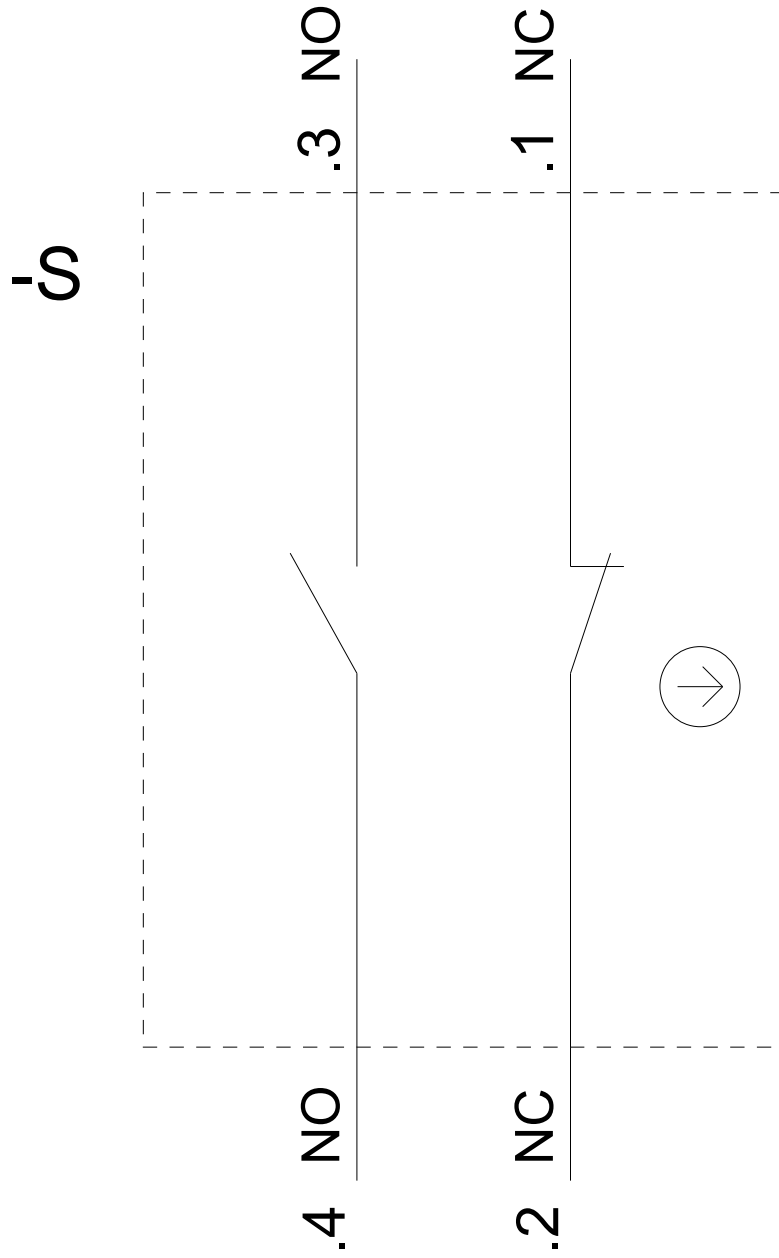
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-1FA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-2BF60-1FA0&lang=en





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