

Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, 10:30h/12h/13:30h, with holder, 2x1NO+1NC, Spring-type 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 • Manufacturer's article number 2 of supplied contact module • Manufacturer's article number of the supplied holder • Manufacturer's article number of the supplied actuator	3SU1400-1AA10-3FA0 3SU1400-1AA10-3FA0 3SU1500-0AA10-0AA0 3SU1002-2BM60-0AA0

Enclosure	
Number of command points	1

Actuator	
design of the operating mechanism	Selector, short
manner of function of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides

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	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
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Display

Number of LED modules	0
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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
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
• Shock resistance for railway applications acc. to DIN EN 61373	Category 1, Class B
• vibration resistance acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• Vibration resistance 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
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 — operating voltage at AC at 60 Hz rated value • operating voltage at DC — rated value	5 ... 500 V 5 ... 500 V 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 of modules and accessories	Spring-type terminal
• Type of connectable conductor cross-sections solid without core end processing	2x (0.25 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded with core end processing	2x (0.25 ... 0.75 mm ²)
• Type of connectable conductor cross-sections finely stranded without core end processing	2x (0.25 ... 1.5 mm ²)
• type of connectable conductor cross-sections at AWG conductors	2x (24 ... 16)
Tightening torque of the screws in the bracket	1 ... 1.2 N·m

Safety related data

B10 value	
• with high demand rate acc. to SN 31920	300 000
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)
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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

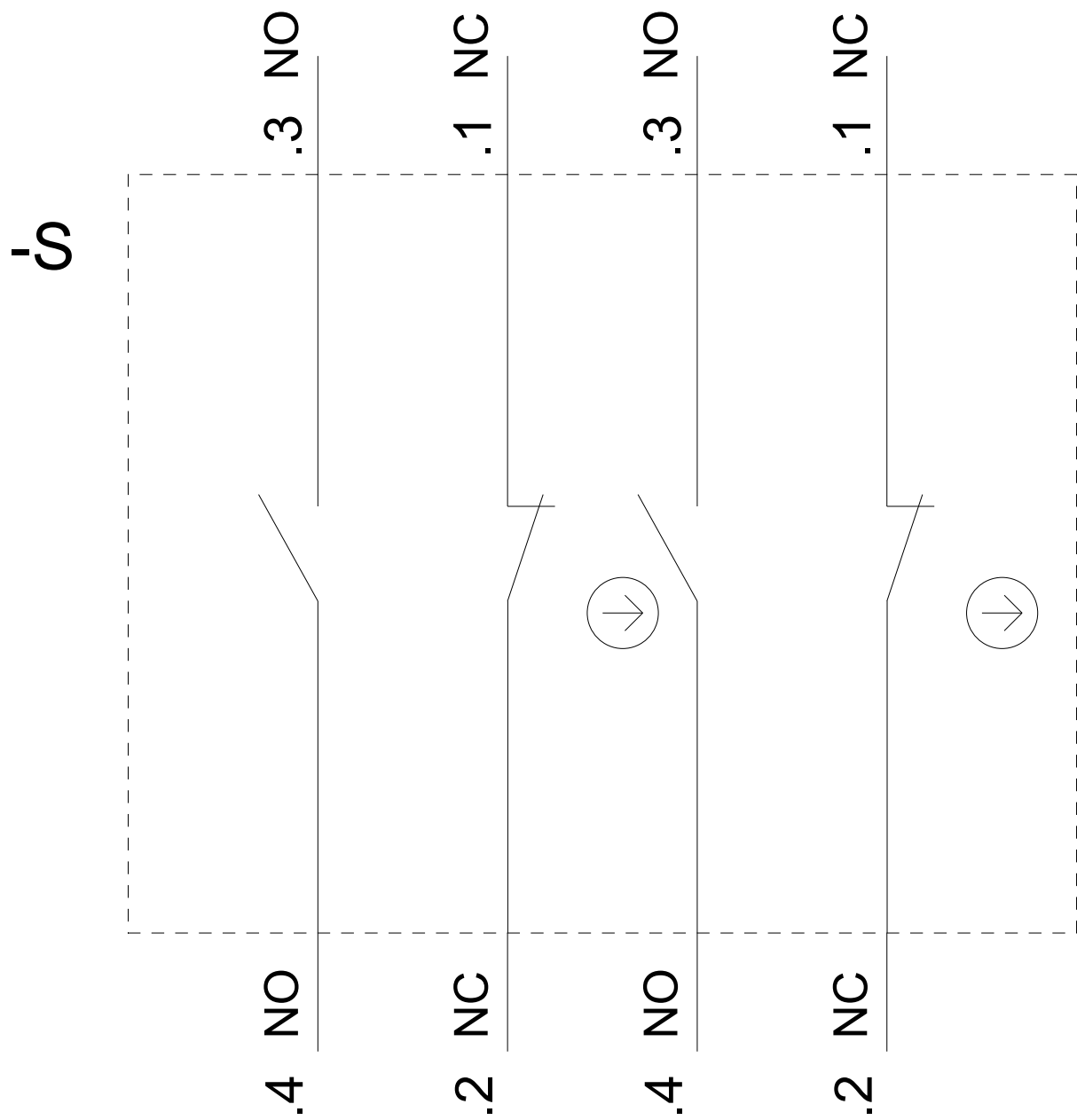
General Product Approval	Declaration of Conformity
 CCC	 EG-Konf.
 CSA	 EAC
 UL	Miscellaneous

Test Certificates	Marine / Shipping
Type Test Certificates/Test Report	Special Test Certificate
 ABS	 LRS
	 PRS
	 RINA

Marine / Shipping	other
 RMRS	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=3SU1100-2BM60-3LA0
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BM60-3LA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BM60-3LA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BM60-3LA0&lang=en



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