

Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with holder, 1 NO+1 NC, 1 NO+1 NC, spring-type terminal, with laser labeling, upper case



<b>Product brand name</b>	SIRIUS ACT
<b>Product designation</b>	Selector switches
<b>Design of the product</b>	Complete unit
<b>Product type designation</b>	3SU1
<b>Product line</b>	Plastic with metal front ring, matt, 22 mm
<b>Manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• 1 of supplied contact module</li> <li>• 2 of supplied contact module</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul>	<a href="#">3SU1400-1AA10-3FA0</a> <a href="#">3SU1400-1AA10-3FA0</a> <a href="#">3SU1500-0AA10-0AA0</a> <a href="#">3SU1032-2BL60-0AA0</a>

Enclosure	
<b>Number of command points</b>	1

Actuator	
<b>Design of the operating mechanism</b>	Selector, short
<b>Manner of function of the actuating element</b>	latching, 2x45° (10:30 h/12 h/13:30 h)
<b>Product extension optional Light source</b>	Yes
<b>Color of the actuating element</b>	white
<b>Material of the actuating element</b>	plastic

Shape of the actuating element	round
Outer diameter of the actuating element	32.3 mm
Marking of the actuating element	Any inscription, text in upper case
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	Metal, matt
Color of the front ring	sand gray

#### 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 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
<b>Thermal current</b>	10 A
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</b>	S
<b>Continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A
<b>Continuous current of the quick DIAZED fuse link</b>	10 A
<b>Continuous current of the DIAZED fuse link gG</b>	10 A
<b>Operating voltage</b>	
• 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

<b>Contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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### Auxiliary circuit

<b>Design of the contact of auxiliary contacts</b>	Silver alloy
<b>Number of NC contacts for auxiliary contacts</b>	2
<b>Number of NO contacts for auxiliary contacts</b>	2

### Connections/ Terminals

<b>Type of electrical connection</b>	
• of modules and accessories	Spring-type terminal
<b>Type of connectable conductor cross-sections</b>	
• solid without core end processing	2x (0.25 ... 1.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.25 ... 0.75 mm <sup>2</sup> )
• finely stranded without core end processing	2x (0.25 ... 1.5 mm <sup>2</sup> )
• at AWG conductors	2x (24 ... 16)
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m

### Safety related data

<b>B10 value</b>	
• with high demand rate acc. to SN 31920	300 000
<b>Proportion of dangerous failures</b>	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
<b>Failure rate [FIT]</b>	
• with low demand rate acc. to SN 31920	100 FIT
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	20 y

### Ambient conditions

<b>Ambient temperature</b>	
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- during operation
- during storage

-25 ... +70 °C

-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

<b>Mounting type</b>	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Front plate mounting
<b>Height</b>	40 mm
<b>Width</b>	32.3 mm
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22.3 mm
<b>Positive tolerance of installation diameter</b>	0.4 mm
<b>Mounting height</b>	28.8 mm
<b>Installation width</b>	32.3 mm
<b>Installation depth</b>	71.7 mm

### Certificates/ approvals

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

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



<b>Marine / Shipping</b>	<b>other</b>
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[Confirmation](#)

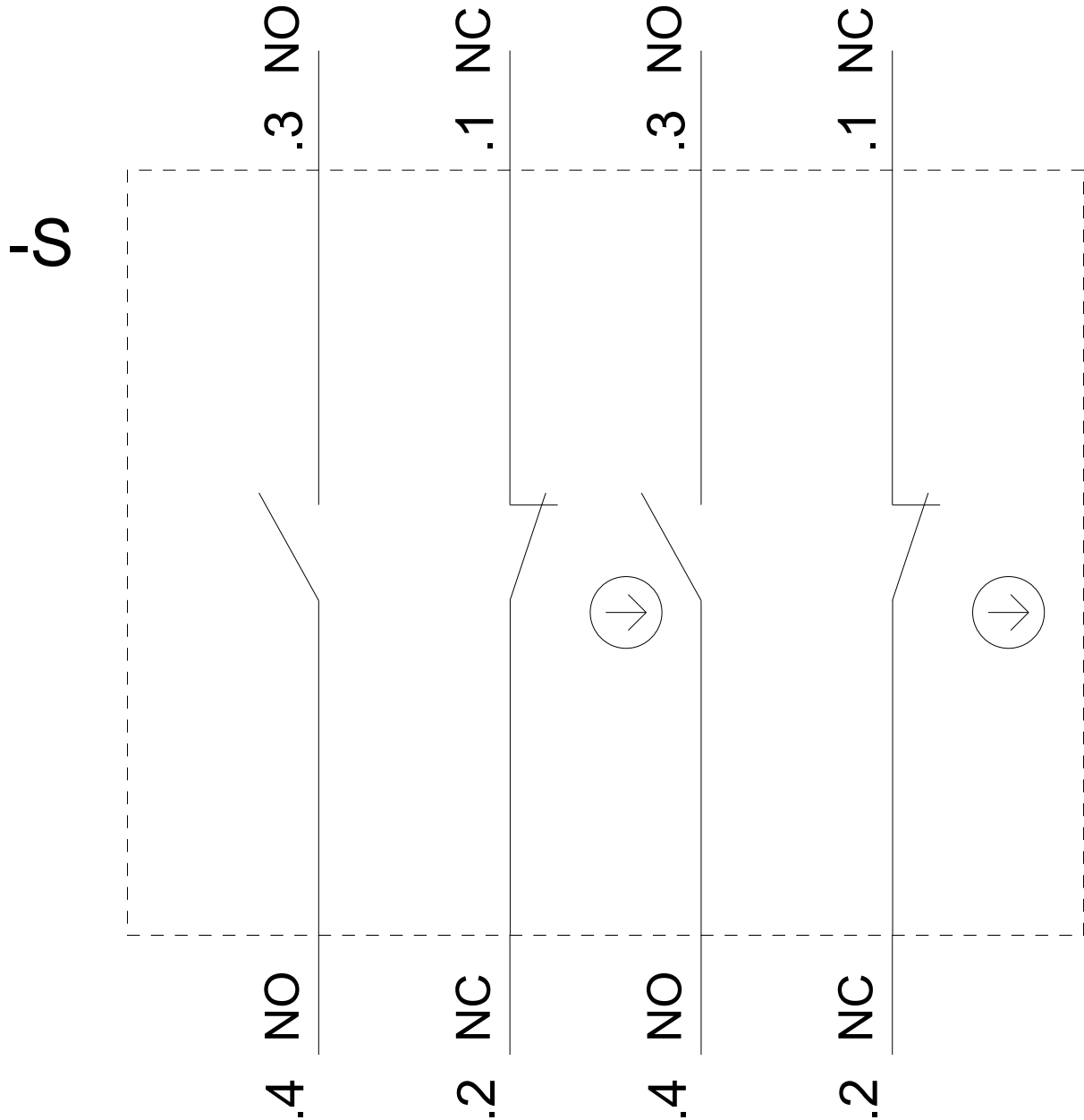
### Further information

**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=3SU1130-2BL60-3LA0-Z Y11>



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