

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, PLASTIC WITH METAL FRONT RING, BLACK, WHITE, SHORT SELECTOR SWITCH, 2 SWITCH POSITIONS O-I, LATCHING, ACTUATING ANGLE 90 DEG., 10:30H/13:30H, WITH HOLDER, 1NO, SPRING-TYPE TERMINAL



Figure similar

<b>Product brand name</b>	SIRIUS ACT
<b>Product designation</b>	Selector switches
<b>Product type designation</b>	3SU1
<b>Manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• of supplied contact module</li> <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>	<ul style="list-style-type: none"> <li><a href="#">3SU1400-1AA10-3BA0</a></li> <li><a href="#">3SU1400-1AA10-3BA0</a></li> <li><a href="#">3SU1400-1AA10-3BA0</a></li> <li><a href="#">3SU1500-0AA10-0AA0</a></li> <li><a href="#">3SU1032-2BF60-0AA0</a></li> </ul>

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

Actuator	
<b>Design of the operating mechanism</b>	Selector switch, short black handle
<b>Manner of function of the actuating element</b>	latching, 90° (10:30 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
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, matt
Color of the front ring	sand gray

Holder	
Material of the holder	Plastic

Display	
Number of LED modules	0

General technical data	
Product function	No
• positive opening	
Product component	No
• Light source	
Insulation voltage	500 V
• rated value	
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
• acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	
Vibration resistance	10 ... 500 Hz: 5g Category 1, Class B
• acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373	
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	1 000 000
• typical	
Electrical endurance (switching cycles)	10 000 000
• typical	
Thermal current	10 A
Equipment marking	S
• acc. to DIN EN 61346-2	

• acc. to DIN EN 81346-2	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

### Main circuit

<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</b>	
• for auxiliary contacts	1
<b>Number of NO contacts</b>	
• for auxiliary contacts	1
<b>Number of CO contacts</b>	
• for auxiliary contacts	0

### 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	100 000
<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

T1 value for proof test interval or service life acc. to IEC 61508	20 y
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### Ambient conditions

<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	<p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>
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>	49.7 mm

### Certificates/approvals

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>
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[Declaration of the Compliance with the order](#)

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



### other

[Confirmation](#)

## Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1130-2BF60-3BA0>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1130-2BF60-3BA0>

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

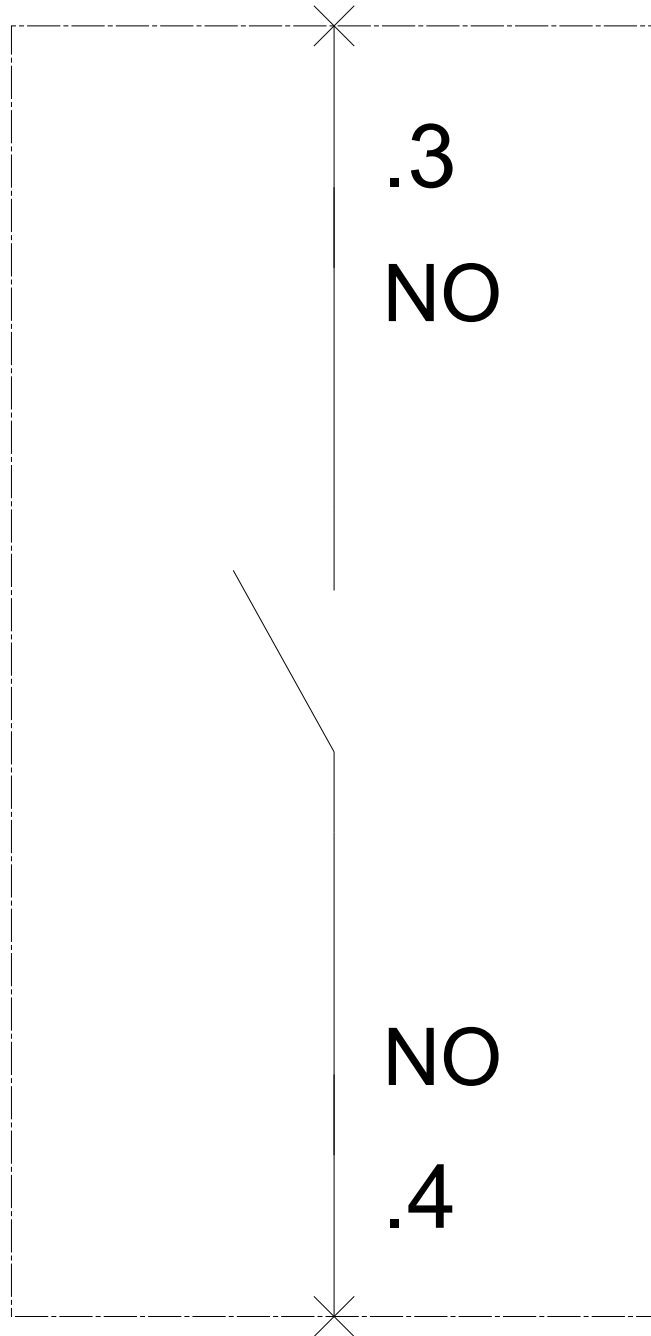
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BF60-3BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1130-2BF60-3BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1130-2BF60-3BA0&lang=en)



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