

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, SCREW TERMINAL

<b>product brandname</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="#">3SU1400-1AA10-1BA0</a></li> <li><a href="#">3SU1400-1AA10-1BA0</a></li> <li><a href="#">3SU1400-1AA10-1BA0</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
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### 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
<b>Shape of the actuating element</b>	round
<b>Outer diameter of the actuating element</b>	32.3 mm
<b>Number of contact modules</b>	1
<b>Number of switching positions</b>	2
<b>Actuating angle</b>	
<ul style="list-style-type: none"> <li>• clockwise</li> </ul>	90°

### Front ring

<b>Product component front ring</b>	Yes
<b>Design of the front ring</b>	standard
<b>Material of the front ring</b>	Metal, matt
<b>Color of the front ring</b>	sand gray

### Holder

<b>Material of the holder</b>	Plastic
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### Display

<b>Number of LED modules</b>	0
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## General technical data

<b>Product function</b>	
• positive opening	No
<b>Product component</b>	
• Light source	No
<b>Insulation voltage</b>	
• rated value	500 V
<b>Degree of pollution</b>	3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>Degree of protection NEMA rating</b>	NEMA 1, 2, 3, 3R, 4, 4X, 12
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating frequency maximum</b>	1 800 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	1 000 000
<b>Electrical endurance (switching cycles)</b>	
• typical	10 000 000
<b>Thermal current</b>	10 A
<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	S
• 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	0

<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	Screw-type terminal
<b>Type of connectable conductor cross-sections</b> • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG conductors	2x (0.5 ... 0.75 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (1,0 ... 1,5 mm <sup>2</sup> ) 2x (18 ... 14)
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>Tightening torque</b> • with screw-type terminals	0.8 ... 0.9 N·m

### Ambient conditions


<b>Ambient temperature</b> • 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> • of modules and accessories	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

General Product Approval				Declaration of Conformity	Test Certificates
 CCC	 CSA	 UL		 EG-Konf.	<a href="#">Werksbescheinigung</a>

Test Certificates	Shipping Approval				
<a href="#">spezielle Prüfbescheinigungen</a>	 ABS	 LRS	 PRS	 RINA	 RMRS

other
<a href="#">Bestätigungen</a>

#### 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?mlfb=3SU1130-2BF60-1BA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BF60-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BF60-1BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1130-2BF60-1BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-2BF60-1BA0&lang=en)

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