



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, spring-type terminal, with laser labeling, lower 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>• of supplied contact module at position 1</li> <li>• of supplied contact module at position 2</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul>	<a href="#">3SU1400-1AA10-3BA0</a> <a href="#">3SU1400-1AA10-3BA0</a> <a href="#">3SU1550-0AA10-0AA0</a> <a href="#">3SU1032-2BM60-0AA0</a>
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	Selector, short
<b>principle of operation of the actuating element</b>	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
<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>marking of the actuating element</b>	Customized labeling, text in lower case letters
<b>number of contact modules</b>	2
<b>number of switching positions</b>	3
<b>actuating angle</b>	
<ul style="list-style-type: none"> <li>• clockwise</li> <li>• anticlockwise</li> </ul>	45° 45°
<b>Front ring</b>	
<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
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Display</b>	
<b>number of LED modules</b>	0
<b>General technical data</b>	
<b>product function positive opening</b>	No
<b>product component light source</b>	No
<b>insulation voltage rated value</b>	500 V

<b>degree of pollution</b>	3
type of voltage of the operating voltage	AC/DC
<b>surge voltage resistance rated value</b>	6 kV
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
protection class IP of the terminal	IP20
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
<ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> <li>• for railway applications according to EN 61373</li> </ul>	sinusoidal half-wave 15g / 11 ms Category 1, Class B
<b>vibration resistance</b>	
<ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>	10 ... 500 Hz: 5g Category 1, Class B
<b>operating frequency maximum</b>	1 800 1/h
<b>mechanical service life (operating cycles) typical</b>	1 000 000
electrical endurance (operating cycles) typical	10 000 000
<b>thermal current</b>	10 A
<b>reference code according to IEC 81346-2</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>Substance Prohibitance (Date)</b>	10/01/2014
<b>Net Weight</b>	0.067 kg
<b>operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC rated value</li> </ul>	5 ... 500 V 5 ... 500 V 5 ... 500 V
<b>Power Electronics</b>	
<b>contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
<b>Auxiliary circuit</b>	
<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	0
<b>number of NO contacts for auxiliary contacts</b>	2
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	spring-loaded terminals
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Spring-type terminal
<b>type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• for AWG cables</li> </ul>	2x (0.25 ... 1.5 mm <sup>2</sup> ) 2x (0.25 ... 0.75 mm <sup>2</sup> ) 2x (0.25 ... 1.5 mm <sup>2</sup> ) 2x (24 ... 16)
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>Safety related data</b>	
<b>proportion of dangerous failures</b>	
<ul style="list-style-type: none"> <li>• with low demand rate according to SN 31920</li> </ul>	20 %
<b>B10 value with high demand rate according to SN 31920</b>	300 000
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +70 °C -40 ... +80 °C
environmental category during operation according 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)
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	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	49.7 mm

### Approvals Certificates

Environment	General Product Approval	Test Certificates
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[Environmental Conformations](#)



[Type Test Certificates/Test Report](#)

Test Certificates	Maritime application	other
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[Special Test Certificate](#)



[Confirmation](#)

### other



### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1130-2BM60-3NA0-Z Y12>

Cax online generator

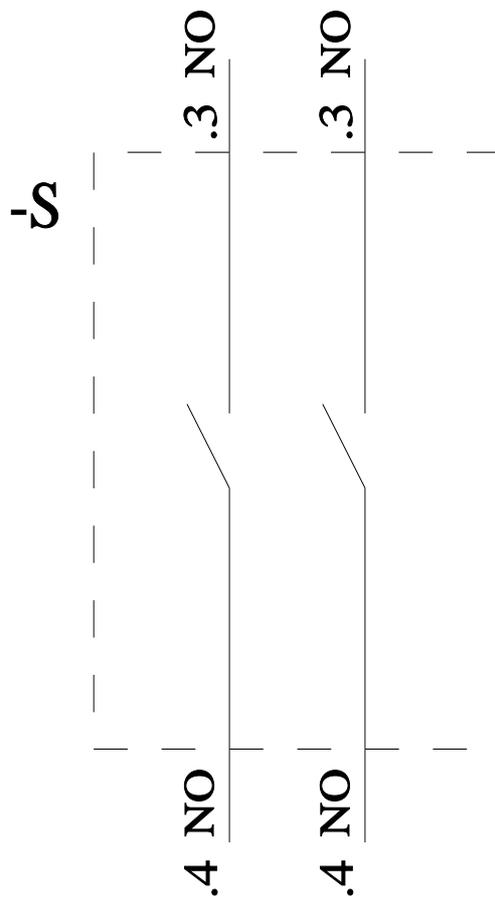
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BM60-3NA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BM60-3NA0-Z Y12>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1130-2BM60-3NA0-Z Y12&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-2BM60-3NA0-Z Y12&lang=en)



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