



Selector switch, illuminable, 22 mm, round, metal, shiny, white, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with holder, 1 NO, 1 NC, screw terminal, Z=20-unit packaging

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| <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>  | Metal, shiny, 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="#">3SU1400-1AA10-1BA0</a><br><a href="#">3SU1400-1AA10-1CA0</a><br><a href="#">3SU1550-0AA10-0AA0</a><br><a href="#">3SU1052-2BF60-0AA0</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>   | 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>   | 2  |
| <b>number of switching positions</b>   | 2  |
| <b>actuating angle</b>   |  |
| <ul style="list-style-type: none"> <li>• clockwise</li> </ul>  | 90°  |
| <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, high gloss  |
| <b>color of the front ring</b>   | silver   |
| <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>   | Yes  |
| <b>product component light source</b>  | No   |
| <b>insulation voltage rated value</b>  | 500 V  |
| <b>degree of pollution</b>   | 3  |
| <b>type of voltage of the operating voltage</b>  | AC/DC  |

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|--|---|
| <b>surge voltage resistance rated value</b>  | 6 kV  |
| <b>protection class IP</b><br>● of the terminal  | IP66, IP67, IP69(IP69K)<br>IP20   |
| <b>degree of protection NEMA rating</b>  | 1, 2, 3, 3R, 4, 4X, 12, 13  |
| <b>shock resistance</b><br>● according to IEC 60068-2-27   | sinusoidal half-wave 15g / 11 ms  |
| <b>vibration resistance</b><br>● according to IEC 60068-2-6  | 10 ... 500 Hz: 5g   |
| <b>operating frequency maximum</b>   | 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 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>operating voltage</b><br>● at AC<br>— at 50 Hz rated value<br>— at 60 Hz rated value<br>● at DC rated value   | 5 ... 500 V<br>5 ... 500 V<br>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>  | 1   |
| <b>number of NO contacts for auxiliary contacts</b>  | 1   |
| <b>Connections/ Terminals</b>  |   |
| <b>type of electrical connection</b><br>● of modules and accessories   | screw-type terminals<br>Screw-type terminal   |
| <b>type of connectable conductor cross-sections</b><br>● solid with core end processing<br>● solid without core end processing<br>● finely stranded with core end processing<br>● finely stranded without core end processing<br>● at AWG cables | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (18 ... 14) |
| <b>tightening torque of the screws in the bracket</b>  | 1 ... 1.2 N·m   |
| tightening torque with screw-type terminals  | 0.8 ... 0.9 N·m   |
| <b>Safety related data</b>   |   |
| B10 value with high demand rate according to SN 31920  | 100 000   |
| <b>proportion of dangerous failures</b><br>● with low demand rate according to SN 31920<br>● with high demand rate according to SN 31920   | 20 %<br>20 %  |
| failure rate [FIT] with low demand rate according to SN 31920  | 100 FIT   |
| <b>Ambient conditions</b>  |   |
| <b>ambient temperature</b><br>● during operation<br>● during storage   | -25 ... +70 °C<br>-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><br>● 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   |

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| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 28.8 mm |
| installation width                          | 32.3 mm |
| installation depth                          | 49.7 mm |

**Certificates/ approvals**

**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=3SU1150-2BF60-1MA0-Z X90>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-1MA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-1MA0-Z X90>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-2BF60-1MA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-2BF60-1MA0-Z X90&lang=en)

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