

Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with holder, 1 NO, 1 NC, spring-type terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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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>  | 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><br><a href="#">3SU1400-1AA10-3CA0</a><br><a href="#">3SU1500-0AA10-0AA0</a><br><a href="#">3SU1032-2BF60-0AA0</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>marking of the actuating element</b>  | Customized labeling, text in lower case / capital letters, all words start with capital letters  |
| <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, 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>   | Yes  |

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| product component light source  | No   |
| insulation voltage rated value  | 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)  |
| • of the terminal   | IP20   |
| <b>degree of protection NEMA rating</b>                                   | 1, 2, 3, 3R, 4, 4X, 12, 13   |
| <b>shock resistance</b>   |  |
| • acc. to IEC 60068-2-27  | Sinusoidal half-wave 50g / 11 ms   |
| • for railway applications acc. to DIN EN 61373                           | Category 1, Class B  |
| <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  |
| 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 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   |
| • operating voltage at AC   |  |
| — at 50 Hz rated value  | 5 ... 500 V  |
| — at 60 Hz rated value  | 5 ... 500 V  |
| • operating voltage at DC rated value                                     | 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>   |  |
| type of electrical connection 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 cables   | 2x (24 ... 16)   |
| <b>tightening torque of the screws in the bracket</b>                     | 1 ... 1.2 N·m  |
| <b>Safety related data</b>  |  |
| B10 value 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 %   |
| failure rate [FIT] 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   |
| <b>Ambient conditions</b>   |  |
| • ambient temperature during operation                                    | -25 ... +70 °C   |
| • ambient temperature during storage                                      | -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) |
| <b>Installation/ mounting/ dimensions</b>                                 |  |
| <b>fastening method</b>   |  |
| • of modules and accessories  | Front plate mounting   |
| <b>height</b>   | 40 mm  |

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| 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 |

#### 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=3SU1130-2BF60-3MA0-Z Y15>

Cax online generator

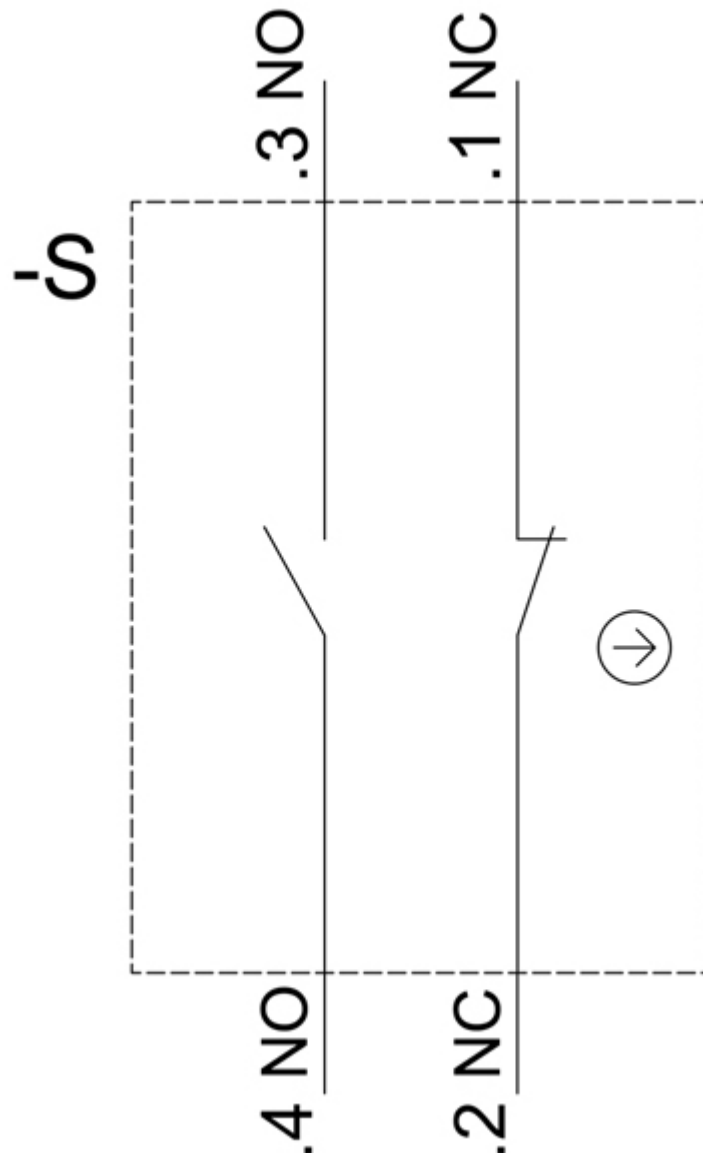
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BF60-3MA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BF60-3MA0-Z Y15>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1130-2BF60-3MA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-2BF60-3MA0-Z Y15&lang=en)



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