

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, Spring-type terminal



Figure similar

|                                |                                    |
|--------------------------------|------------------------------------|
| Product brand name             | SIRIUS ACT                         |
| Product designation            | Selector switches                  |
| Design of the product          | Complete unit                      |
| Product type designation       | 3SU1                               |
| Manufacturer's article number  |                                    |
| • 1 of supplied contact module | <a href="#">3SU1400-1AA10-3BA0</a> |
| • of the supplied holder       | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of the supplied actuator     | <a href="#">3SU1052-2BF60-0AA0</a> |

Enclosure

|                          |   |
|--------------------------|---|
| Number of command points | 1 |
|--------------------------|---|

Actuator

|                                             |                                 |
|---------------------------------------------|---------------------------------|
| Design of the operating mechanism           | Selector, short                 |
| Manner of function of the actuating element | latching, 90° (10:30 h/13:30 h) |
| Product extension optional Light source     | Yes                             |
| Color of the actuating element              | White                           |
| Material of the actuating element           | 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                         |         |
| • clockwise                             | 90°     |

#### Front ring

|                              |                   |
|------------------------------|-------------------|
| Product component front ring | Yes               |
| Design of the front ring     | standard          |
| Material of the front ring   | Metal, high gloss |
| Color of the front ring      | silver            |

#### Holder

|                        |       |
|------------------------|-------|
| Material of the holder | Metal |
|------------------------|-------|

#### Display

|                       |   |
|-----------------------|---|
| Number of LED modules | 0 |
|-----------------------|---|

#### General technical data

|                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| Product function                                 |                                                      |
| • positive opening                               | No                                                   |
| Product component                                |                                                      |
| • Light source                                   | No                                                   |
| Insulation voltage                               |                                                      |
| • rated value                                    | 500 V                                                |
| Degree of pollution                              | 3                                                    |
| Type of voltage                                  |                                                      |
| • of the operating voltage                       | AC/DC                                                |
| 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, 13                      |
| Shock resistance                                 |                                                      |
| • acc. to IEC 60068-2-27                         | Sinusoidal half-wave 50 g / 11 ms                    |
| Vibration resistance                             |                                                      |
| • acc. to IEC 60068-2-6                          | 10 ... 500 Hz: 5g                                    |
| Operating frequency maximum                      | 1 800 1/h                                            |
| Mechanical service life (switching cycles)       |                                                      |
| • typical                                        | 300 000                                              |
| Electrical endurance (switching cycles)          |                                                      |
| • typical                                        | 10 000 000                                           |
| Thermal current                                  | 10 A                                                 |
| Continuous current of the C characteristic MCB   | 10 A; for a short-circuit current smaller than 400 A |
| Continuous current of the quick DIAZED fuse link | 10 A                                                 |
| Continuous current of the DIAZED fuse link gG    | 10 A                                                 |

|                                                                                                                                                                                                                                                                                   |                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <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 <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> </ul>                             | 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</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>                                                                                                                                                                           | 0                                                                                                                                 |
| <b>Number of NO contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>                                                                                                                                                                           | 1                                                                                                                                 |
| <b>Number of CO contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>                                                                                                                                                                           | 0                                                                                                                                 |
| <b>Connections/Terminals</b>                                                                                                                                                                                                                                                      |                                                                                                                                   |
| <b>Type of electrical connection</b> <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>• at AWG conductors</li> </ul> | 2x (0.25 ... 1.5 mm <sup>2</sup> )<br>2x (0.25 ... 0.75 mm <sup>2</sup> )<br>2x (0.25 ... 1.5 mm <sup>2</sup> )<br>2x (24 ... 16) |
| <b>Tightening torque of the screws in the bracket</b>                                                                                                                                                                                                                             | 1 ... 1.2 N·m                                                                                                                     |
| <b>Safety related data</b>                                                                                                                                                                                                                                                        |                                                                                                                                   |
| <b>B10 value</b> <ul style="list-style-type: none"> <li>• with high demand rate acc. to SN 31920</li> </ul>                                                                                                                                                                       | 100 000                                                                                                                           |
| <b>Proportion of dangerous failures</b> <ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> <li>• with high demand rate acc. to SN 31920</li> </ul>                                                                                               | 20 %<br>20 %                                                                                                                      |
| <b>Failure rate [FIT]</b> <ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> </ul>                                                                                                                                                               | 100 FIT                                                                                                                           |
| <b>T1 value for proof test interval or service life acc. to IEC 61508</b>                                                                                                                                                                                                         | 20 y                                                                                                                              |
| <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<br>-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

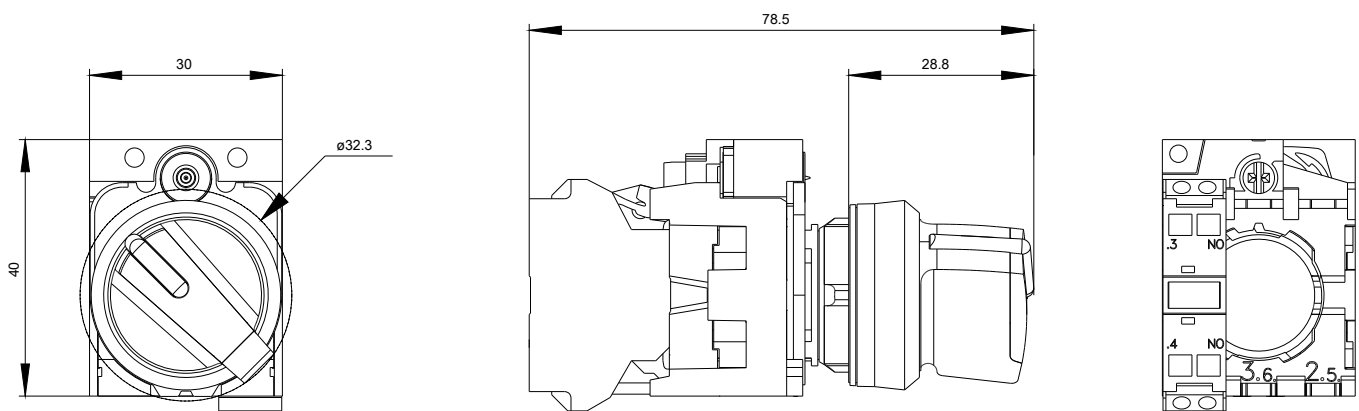
| General Product Approval                                                                 | Declaration of Conformity                                                                | Test Certificates                                                                               |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <br>CCC | <br>EAC | <br>EG-Konf. |
| <br>CSA | <br>UL  | <a href="#">Special Test Certificate</a>                                                        |

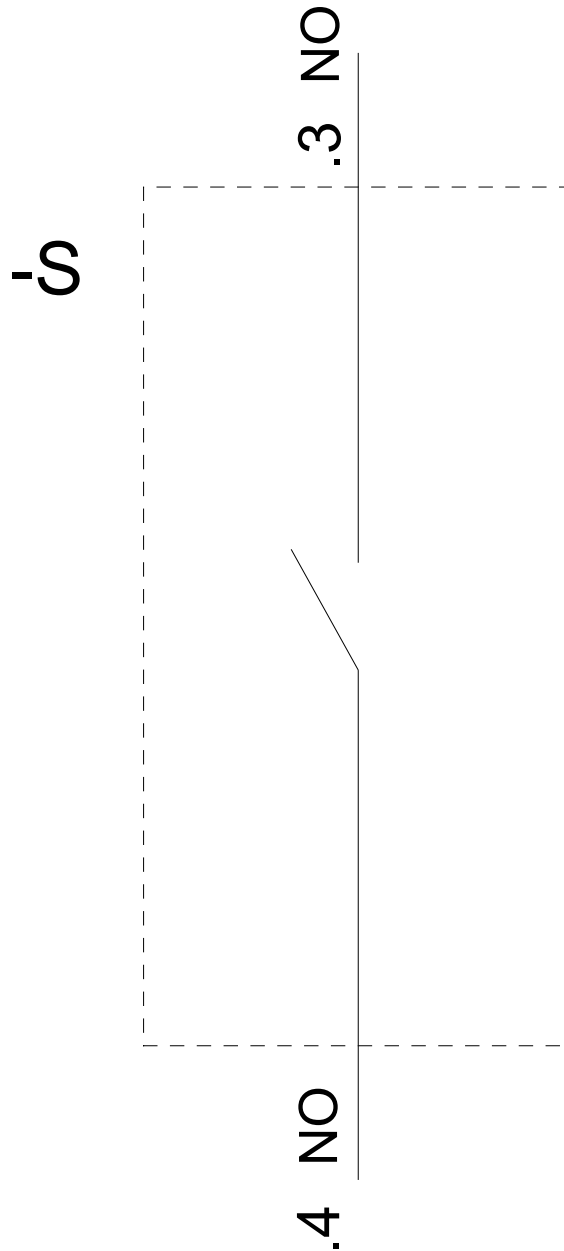
| Test Certificates                                  | Marine / Shipping                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <a href="#">Type Test Certificates/Test Report</a> | <br>ABS    |
|                                                    | <br>LRS    |
|                                                    | <br>PRS    |
|                                                    | <br>RINA |
|                                                    | <br>RMRS |

| Marine / Shipping                                                                                             | other                        |
|---------------------------------------------------------------------------------------------------------------|------------------------------|
| <br>DNV-GL<br>DNVGL.COM/AF | <a href="#">Confirmation</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=3SU1150-2BF60-3BA0>  
**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-3BA0>





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