

Illuminated pushbutton, 22 mm, round, metal, shiny, white, pushbutton, flat, momentary contact type, with holder, 1NO, LED module with integrated LED 24 V AC/DC, screw terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417



|                                      |  |
|--------------------------------------|--|
| <b>Product brand name</b>            | SIRIUS ACT   |
| <b>Product designation</b>           | Illuminated pushbuttons  |
| <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>• 1 of supplied contact module <a href="#">3SU1400-1AA10-1BA0</a></li> <li>• of supplied LED module <a href="#">3SU1401-1BB60-1AA0</a></li> <li>• of the supplied holder <a href="#">3SU1550-0AA10-0AA0</a></li> <li>• of the supplied actuator <a href="#">3SU1051-0AB60-0AA0</a></li> </ul> |
| <b>Number of command points</b>      | 1  |

| Actuator   |                        |
|--|------------------------|
| <b>Design of the operating mechanism</b>           | Button, flat           |
| <b>Manner of function of the actuating element</b> | momentary contact type |
| <b>Product extension optional Light source</b>     | Yes                    |
| <b>Color</b>                                       |                        |
| • of the actuating element                         | white                  |
| <b>Material of the actuating element</b>           | plastic                |
| <b>Shape of the actuating element</b>              | round                  |

|   |   |
|---|---|
| Outer diameter of the actuating element | 29.45 mm  |
| Marking of the actuating element        | Customized labeling, graphical symbols acc. to ISO7000 and IEC60417 |
| Number of contact modules               | 1   |

#### 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 | 1 |
|-----------------------|---|

#### General technical data

|   |  |
|---|--|
| <b>Product function</b>                                 |  |
| • positive opening                                      | No   |
| <b>Product component</b>                                |  |
| • Light source  | Yes  |
| <b>Insulation voltage</b>                               |  |
| • rated value   | 320 V  |
| <b>Degree of pollution</b>                              | 3  |
| <b>Type of voltage</b>                                  |  |
| • of the operating voltage                              | AC/DC  |
| <b>Surge voltage resistance rated value</b>             | 4 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 50 g / 11 ms                    |
| <b>Vibration resistance</b>                             |  |
| • acc. to IEC 60068-2-6                                 | 10 ... 500 Hz: 5g                                    |
| <b>Operating frequency maximum</b>                      | 3 600 1/h  |
| <b>Mechanical service life (switching cycles)</b>       |  |
| • typical   | 3 000 000  |
| <b>Electrical endurance (switching cycles)</b>          |  |
| • typical   | 10 000 000   |
| <b>Thermal current</b>                                  | 10 A   |
| <b>Reference code acc. to DIN EN 81346-2</b>            | S  |
| <b>Reference code acc. to DIN EN 61346-2</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>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 |

### Power Electronics

|                            |  |
|----------------------------|--|
| <b>Contact reliability</b> | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) |
|----------------------------|--|

### Supply voltage

|  |              |
|--|--------------|
| <b>Type of voltage of the supply voltage</b>   |              |
| <ul style="list-style-type: none"> <li>• of the light source</li> </ul>                                  | AC/DC        |
| <b>Supply voltage of the light source at AC</b>  |              |
| <ul style="list-style-type: none"> <li>• at 50 Hz rated value</li> <li>• at 60 Hz rated value</li> </ul> | 24 V<br>24 V |
| <b>Supply voltage of the light source at DC</b>  |              |
| <ul style="list-style-type: none"> <li>• rated value</li> </ul>  | 24 V         |

### Control circuit/ Control

|   |     |
|---|-----|
| <b>Inrush current of LED module maximum</b> | 2 A |
|---|-----|

### Auxiliary circuit

|   |              |
|---|--------------|
| <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> | 1            |

### Connections/ Terminals

|   |   |
|---|---|
| <b>Type of electrical connection</b>  |   |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>  | Screw-type terminal   |
| <b>Type of connectable conductor cross-sections</b>   |   |
| <ul style="list-style-type: none"> <li>• solid with core end processing</li> <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 (0.5 ... 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   |
| <b>Tightening torque</b>  |   |
| <ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>   | 0.8 ... 0.9 N·m   |

### Lamp

|                                  |                   |
|----------------------------------|-------------------|
| <b>Type of light source</b>      | LED               |
| <b>Color of the light source</b> | white             |
| <b>Light intensity</b>           | 900 ... 1 400 mcd |





## Ambient conditions

|  |   |
|--|---|
| <b>Ambient temperature</b>   |   |
| <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | <p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>   |
| Environmental category during operation acc. to IEC 60721                                  | 3M6, 3S2, 3B2, 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>   | front panel mounting |
| <ul style="list-style-type: none"> <li>of modules and accessories</li> </ul> | Front plate mounting |
| <b>Height</b>  | 40 mm                |
| <b>Width</b>   | 30 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>   | 11 mm                |
| <b>Installation width</b>  | 29.5 mm              |
| <b>Installation depth</b>  | 49.7 mm              |

## Certificates/ approvals

| General Product Approval  | Declaration of Conformity     | Test Certificates                                  |
|---|-------------------------------|--|
|  CSA  UL  EAC  EG-Konf. | <a href="#">Miscellaneous</a> | <a href="#">Type Test Certificates/Test Report</a> |

| Test Certificates                        | Marine / Shipping   |
|--|---|
| <a href="#">Special Test Certificate</a> |  ABS  LRS  PRS  RINA  RMRS |

| Marine / Shipping  | other                        |
|--|------------------------------|
|  DNV-GL<br>DNVGL.COM/AF | <a href="#">Confirmation</a> |

## 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=3SU1152-0AB60-1BA0-Z Y13>

Cax online generator

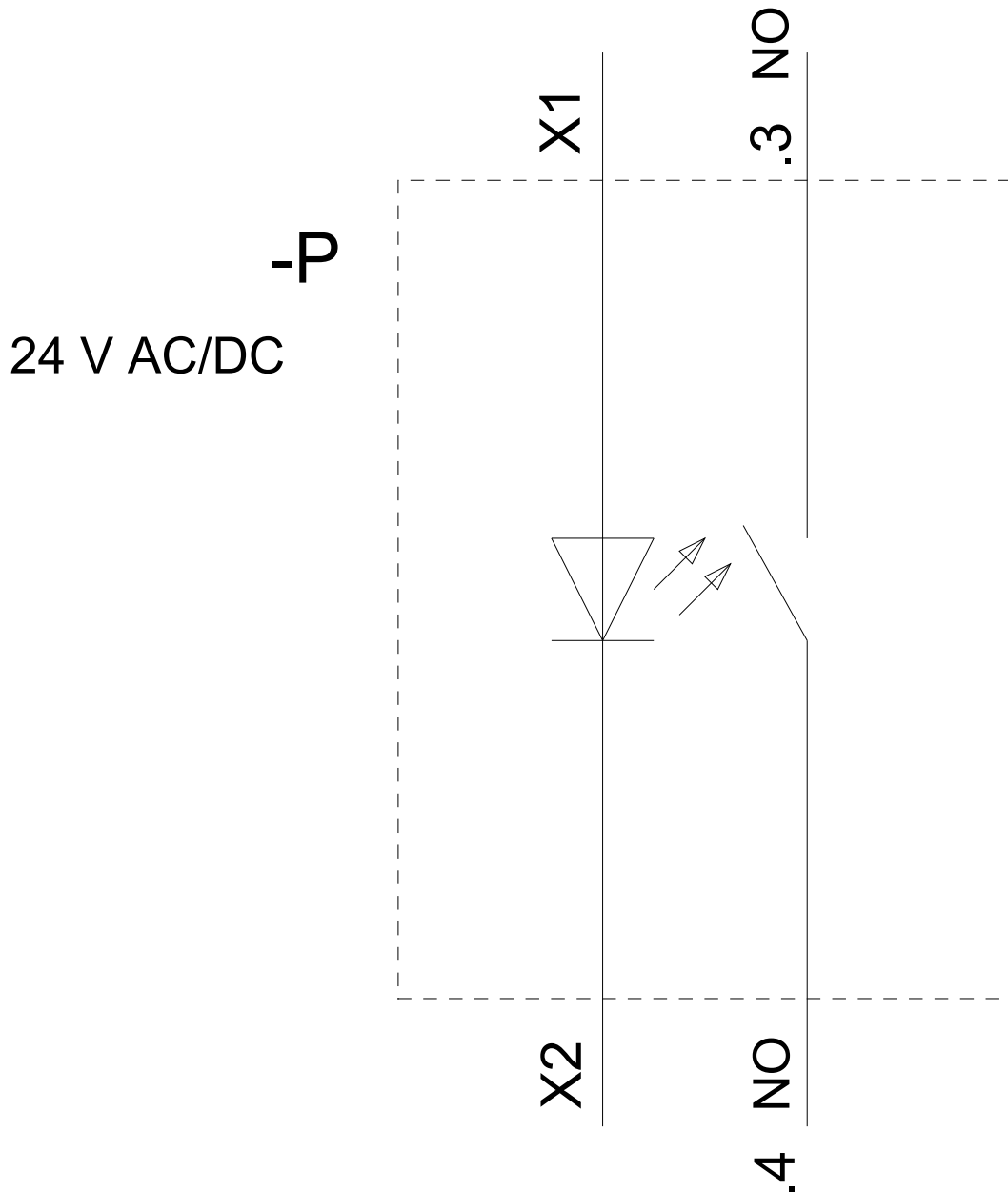
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB60-1BA0-Z Y13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB60-1BA0-Z Y13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1152-0AB60-1BA0-Z Y13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1152-0AB60-1BA0-Z Y13&lang=en)



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