

Illuminated pushbutton, 22 mm, round, plastic, green, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 24 V AC/DC, Spring-type terminal



Figure similar

|                                      |  |
|--------------------------------------|--|
| <b>Product brand name</b>            | SIRIUS ACT   |
| <b>Design of the product</b>         | Komplettgerät  |
| <b>Product type designation</b>      | 3SU1   |
| <b>Manufacturer's article number</b> | <ul style="list-style-type: none"> <li>• 1 of supplied contact module <a href="#">3SU1400-1AA10-3BA0</a></li> <li>• of supplied LED module <a href="#">3SU1401-1BB40-3AA0</a></li> <li>• of the supplied holder <a href="#">3SU1500-0AA10-0AA0</a></li> <li>• of the supplied actuator <a href="#">3SU1001-0AB40-0AA0</a></li> </ul> |
| <b>Number of command points</b>      | 1  |

| Actuator   |  |
|--|--|
| <b>Manner of function of the actuating element</b> | Momentary contact type   |
| <b>Product extension optional Light source</b>     | Yes  |
| <b>Color</b>                                       | <ul style="list-style-type: none"> <li>• of the actuating element Green</li> </ul> |
| <b>Material of the actuating element</b>           | plastic  |
| <b>Shape of the actuating element</b>              | round  |
| <b>Outer diameter of the actuating element</b>     | 29.45 mm   |

|   |  |
|---|--|
| Number of contact modules                               | 1  |
| <b>Front ring</b>                                       |  |
| Product component front ring                            | Yes  |
| Design of the front ring                                | Standard   |
| Material of the front ring                              | plastic  |
| Color of the front ring                                 | black  |
| <b>Holder</b>   |  |
| Material of the holder                                  | Plastic  |
| <b>Display</b>  |  |
| Number of LED modules                                   | 1  |
| <b>General technical data</b>                           |  |
| <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>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>                 | NEMA 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                    |
| • 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>                      | 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>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>                                |  |
| • at AC   |  |
| — at 50 Hz rated value                                  | 5 ... 500 V  |
| — at 60 Hz rated value                                  | 5 ... 500 V  |

- at DC
- rated value

5 ... 500 V

## Power Electronics

### Contact reliability

One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

## Supply voltage

### Supply voltage of the light source at AC

- at 50 Hz rated value
- at 60 Hz rated value

24 V

24 V

### Supply voltage of the light source at DC

- rated value

24 V

## Control circuit/ Control

### Switch-on current of LED module maximum

2 A

## Auxiliary circuit

### Design of the contact of auxiliary contacts

Silver alloy

### Number of NC contacts

- for auxiliary contacts

0

### Number of NO contacts

- for auxiliary contacts

1

### Number of CO contacts

- for auxiliary contacts

0

## Connections/Terminals

### Type of electrical connection

- of modules and accessories

Spring-type terminal

### Type of connectable conductor cross-sections

- solid without core end processing
- finely stranded with core end processing
- finely stranded without core end processing
- at AWG conductors

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)

### Tightening torque of the screws in the bracket

1 ... 1.2 N·m

## Lamp

### Type of light source

LED

### Color of the light source

green

### Light intensity

900 ... 1 800 mcd

## Ambient conditions

### Ambient temperature

- during operation
- during storage

-25 ... +70 °C

-40 ... +80 °C

|   |   |
|---|---|
| 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 mounting       |
| • of modules and accessories                       | 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   |
|--|--|---|
| <br>CCC | <br>EAC | <br>EG-Konf. |
| <br>CSA |  | <a href="#">Declaration of the Compliance with the order</a>                                    |
| <br>UL  |  |   |

| Test Certificates | Marine / Shipping |
|-------------------|-------------------|
|-------------------|-------------------|

[Special Test Certificate](#)



ABS



LRS



PRS



RINA



RMRS

| Marine / Shipping | other |
|-------------------|-------|
|-------------------|-------|



[Confirmation](#)

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

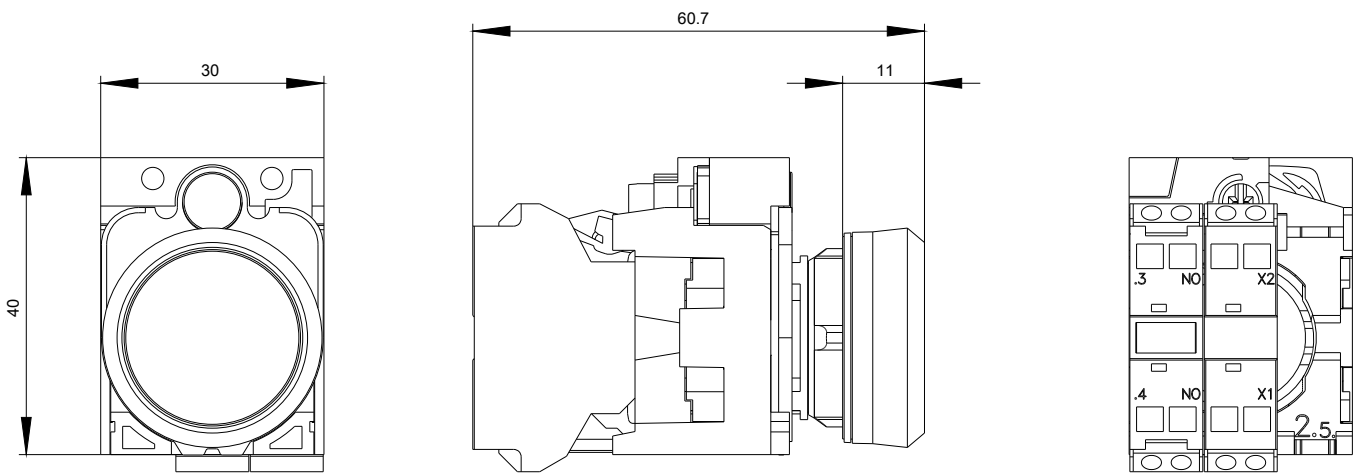
<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

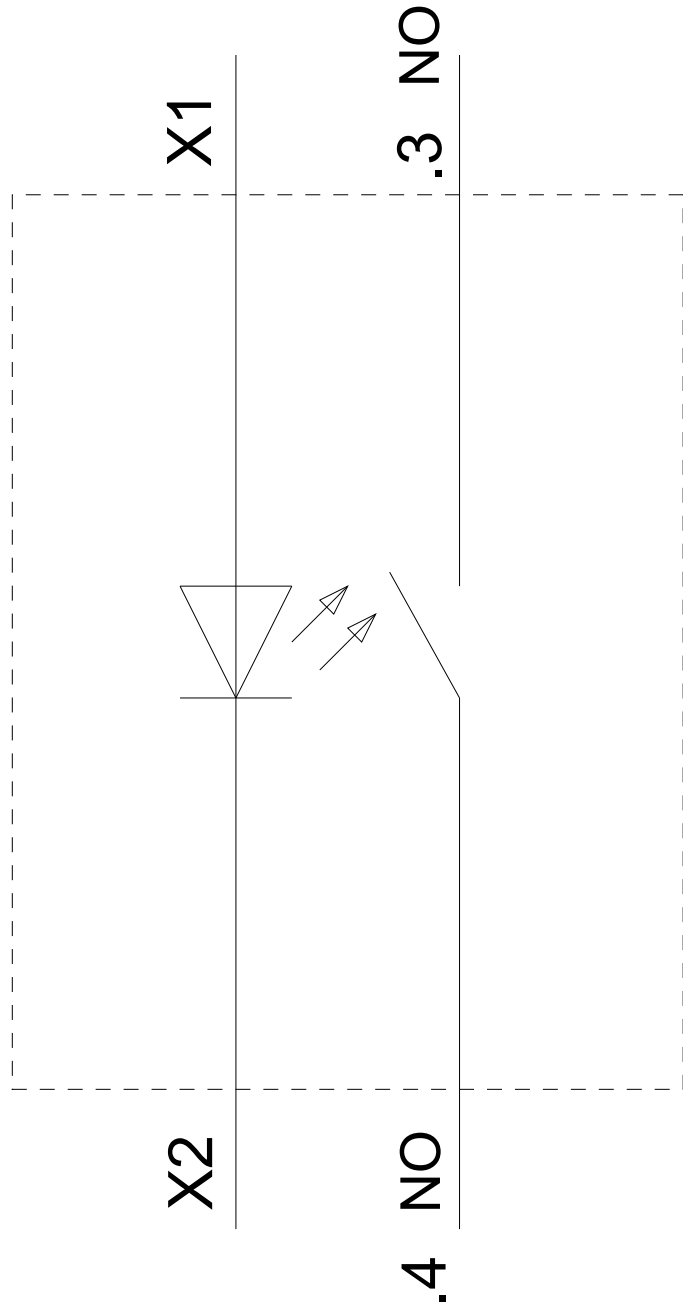
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1102-0AB40-3BA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-0AB40-3BA0>



24 V AC/DC  
-P



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