

Illuminated pushbutton, 22 mm, round, plastic with metal front ring, green, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 230 V AC, screw terminal



Figure similar

|                                |                                    |
|--------------------------------|------------------------------------|
| Product brand name             | SIRIUS ACT                         |
| Design of the product          | Komplettgerät                      |
| Product type designation       | 3SU1                               |
| Manufacturer's article number  |                                    |
| • 1 of supplied contact module | <a href="#">3SU1400-1AA10-1BA0</a> |
| • of supplied LED module       | <a href="#">3SU1401-1BF40-1AA0</a> |
| • of the supplied holder       | <a href="#">3SU1500-0AA10-0AA0</a> |
| • of the supplied actuator     | <a href="#">3SU1031-0AB40-0AA0</a> |
| Number of command points       | 1                                  |

|                                             |                        |
|---------------------------------------------|------------------------|
| Actuator                                    |                        |
| Manner of function of the actuating element | Momentary contact type |
| Product extension optional Light source     | Yes                    |
| Color                                       |                        |
| • of the actuating element                  | Green                  |
| Material of the actuating element           | plastic                |
| Shape of the actuating element              | round                  |
| Outer diameter of the actuating element     | 38 mm                  |

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| Number of contact modules                               | 1                                                    |
| Type of unlocking device                                | without                                              |
| <b>Front ring</b>                                       |                                                      |
| Product component front ring                            | Yes                                                  |
| Design of the front ring                                | Standard                                             |
| Material of the front ring                              | Metal, matt                                          |
| Color of the front ring                                 | sand gray                                            |
| <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

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| <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>Supply voltage 1 of the light source at AC</b> |       |
| • at 50 Hz rated value                            | 230 V |
| • at 60 Hz rated value                            | 230 V |

## Auxiliary circuit

|                                                    |              |
|----------------------------------------------------|--------------|
| <b>Design of the contact of auxiliary contacts</b> | Silver alloy |
| <b>Number of NC contacts</b>                       |              |
| • for auxiliary contacts                           | 0            |
| <b>Number of NO contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of CO contacts</b>                       |              |
| • for auxiliary contacts                           | 0            |

## Connections/Terminals

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| <b>Type of electrical connection</b>                  |                                    |
| • of modules and accessories                          | Screw-type terminal                |
| <b>Type of connectable conductor cross-sections</b>   |                                    |
| • solid with core end processing                      | 2x (0.5 ... 0.75 mm <sup>2</sup> ) |
| • solid without core end processing                   | 2x (1.0 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded with core end processing            | 2x (0.5 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded without core end processing         | 2x (1.0 ... 1.5 mm <sup>2</sup> )  |
| • at AWG conductors                                   | 2x (18 ... 14)                     |
| <b>Tightening torque of the screws in the bracket</b> | 1 ... 1.2 N·m                      |
| <b>Tightening torque</b>                              |                                    |
| • with screw-type terminals                           | 0.8 ... 0.9 N·m                    |

## Lamp

|                                  |                   |
|----------------------------------|-------------------|
| <b>Type of light source</b>      | LED               |
| <b>Color of the light source</b> | green             |
| <b>Light intensity</b>           | 900 ... 1 800 mcd |

## Ambient conditions

|                            |                |
|----------------------------|----------------|
| <b>Ambient temperature</b> |                |
| • during operation         | -25 ... +70 °C |
| • during storage           | -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  |                                                                                          |                                                                                                 |

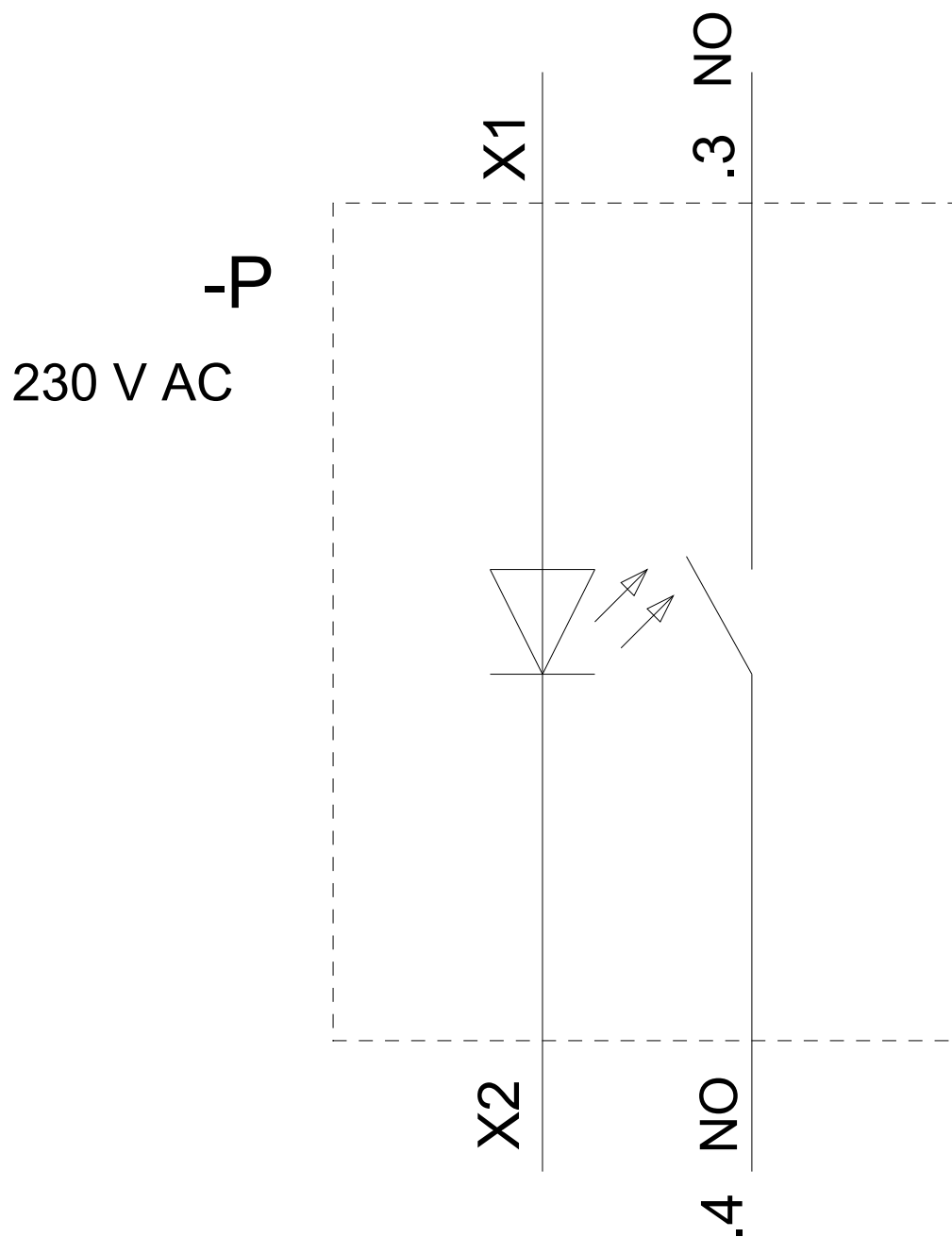
| Test Certificates                        | Marine / Shipping                                                                             |
|------------------------------------------|-----------------------------------------------------------------------------------------------|
| <a href="#">Special Test Certificate</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=3SU1136-0AB40-1BA0>  
**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1136-0AB40-1BA0>





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