



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

|   |                                    |
|---|------------------------------------|
| product brand name                              | SIRIUS ACT                         |
| product designation                             | Illuminated pushbuttons            |
| design of the product                           | Complete unit                      |
| product type designation                        | 3SU1                               |
| product line                                    | Plastic, black, 22 mm              |
| manufacturer's article number                   |                                    |
| • of supplied contact module at position 1      | <a href="#">3SU1400-1AA10-3BA0</a> |
| • of supplied LED module                        | <a href="#">3SU1401-1BB40-3AA0</a> |
| • of the supplied holder                        | <a href="#">3SU1500-0AA10-0AA0</a> |
| • of the supplied actuator                      | <a href="#">3SU1001-0AB40-0AA0</a> |
| number of command points                        | 1                                  |
| <b>Actuator</b>                                 |                                    |
| design of the actuating element                 | Button, flat                       |
| principle of operation 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         | 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>                   |                                    |
| product function positive opening               | No                                 |
| product component light source                  | Yes                                |
| insulation voltage rated value                  | 320 V                              |
| degree of pollution                             | 3                                  |
| type of voltage of the operating voltage        | AC/DC                              |
| surge voltage resistance rated value            | 4 kV                               |
| protection class IP                             | IP66, IP67, IP69(IP69K)            |

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| • 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>                        | 3 600 1/h   |
| mechanical service life (switching cycles) typical        | 3 000 000   |
| 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  |
| Substance Prohibitance (Date)                             | 01.10.2014 00:00:00   |
| <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   |
| <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>Supply voltage</b>                                     |   |
| type of voltage of the supply voltage of the light source | AC/DC   |
| <b>supply voltage of the light source at AC</b>           |   |
| • at 50 Hz rated value                                    | 24 V  |
| • at 60 Hz rated value                                    | 24 V  |
| supply voltage 1 of the light source at DC rated value    | 24 V  |
| <b>Control circuit/ Control</b>                           |   |
| <b>inrush current of LED module maximum</b>               | 2 A   |
| <b>Auxiliary circuit</b>                                  |   |
| <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   |
| <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>Lamp</b>   |   |
| <b>type of light source</b>                               | LED   |
| <b>color of the light source</b>                          | green   |
| <b>light intensity</b>                                    | 900 ... 1 800 mcd   |
| <b>Ambient conditions</b>                                 |   |
| <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) |
| <b>Installation/ mounting/ dimensions</b>                 |   |
| <b>fastening method</b>                                   | front panel mounting  |
| • of modules and accessories                              | Front plate mounting  |

|   |         |
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| height                                      | 40 mm   |
| width                                       | 30 mm   |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 11 mm   |
| installation width                          | 29.5 mm |
| installation depth                          | 49.7 mm |

#### Certificates/ approvals

|                          |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |
|--------------------------|---------------------------|



#### Test Certificates

##### Marine / Shipping

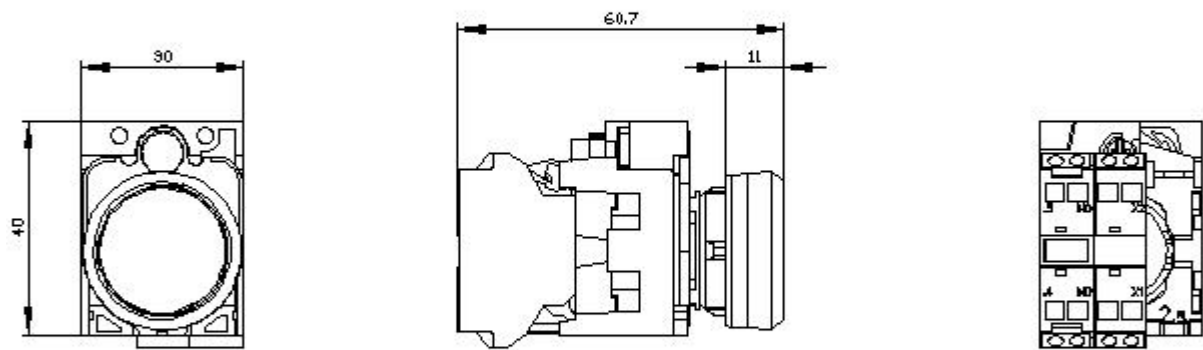


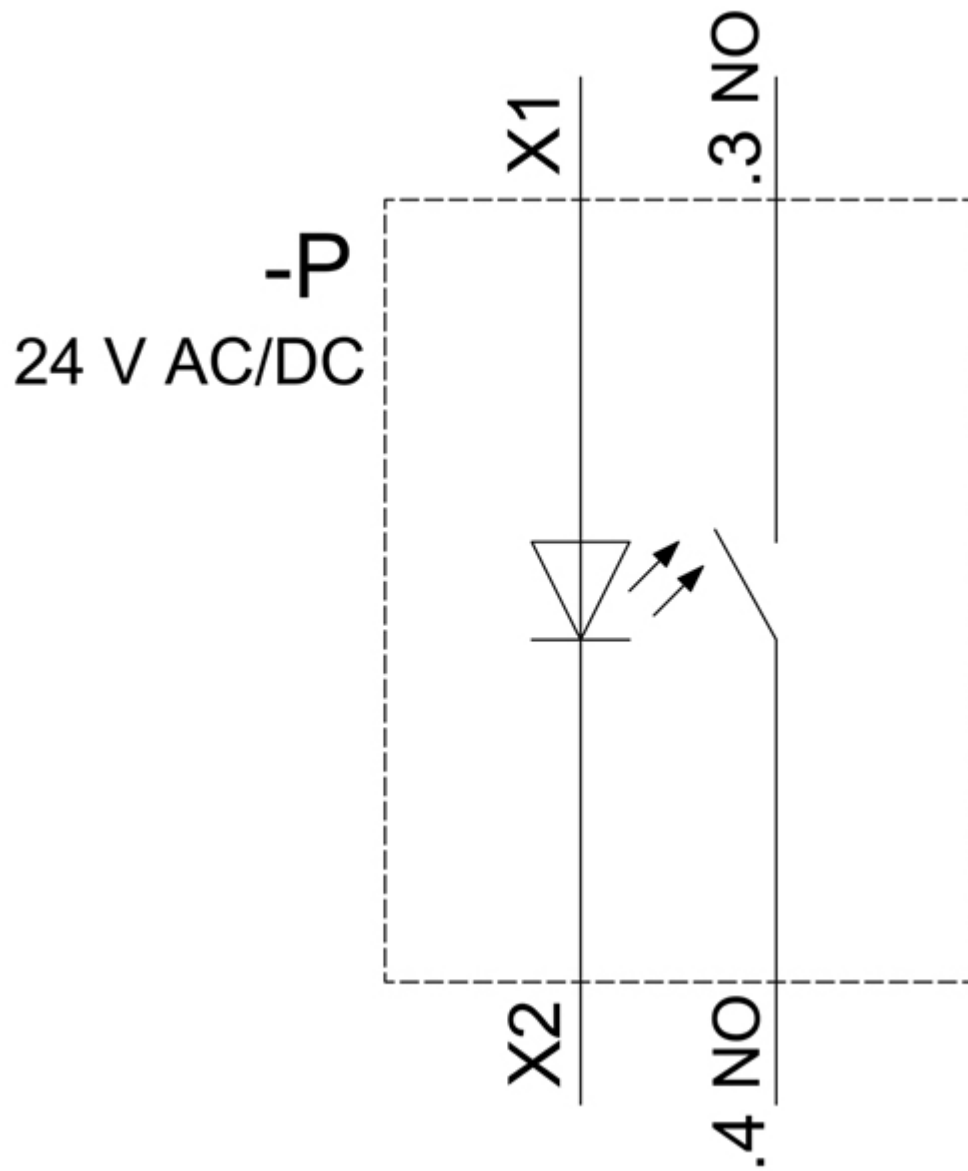
#### Marine / Shipping

##### other



#### Further information





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