SIEMENS

Data sheet

3SU1102-0AB50-3BA0



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

product brand name product designation design of the product product type designation product line manufacturer's article number • of supplied contact module at position 1

- of supplied LED module
- of the supplied holder
- of the supplied actuator

number of command points

SIRIUS ACT Illuminated pushbuttons Complete unit 3SU1 Plastic, black, 22 mm

3SU1400-1AA10-3BA0 3SU1401-1BB50-3AA0 3SU1550-0AA10-0AA0 3SU1001-0AB50-0AA0

1

| | ıator | |
|--|-------|--|
| | | |
| | | |

design of the actuating element principle of operation of the actuating element

product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element

number of contact modules

Button, flat

momentary contact type

Yes blue plastic round 29.45 mm 1

Front ring

product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black

Plastic material of the holder

Display

number of LED modules 1

General technical data

product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal

degree of protection NEMA rating shock resistance

according to IEC 60068-2-27

No

Yes 320 V

AC/DC 4 kV

IP66, IP67, IP69(IP69K)

1, 2, 3, 3R, 4, 4X, 12, 13

sinusoidal half-wave 15g / 11 ms

| for railway applications according to EN 61373 | |
|---|--|
| is raintaly approausing asserting to air over o | Category 1, Class B |
| vibration resistance | |
| according to IEC 60068-2-6 | 10 500 Hz: 5g |
| for railway applications according to EN 61373 | Category 1, Class B |
| operating frequency maximum | 3 600 1/h |
| mechanical service life (operating cycles) typical | 3 000 000 |
| electrical endurance (operating cycles) typical | 10 000 000 |
| thermal current | 10 A |
| reference code according to IEC 81346-2 | S |
| continuous current of the C characteristic MCB | 10 A; for a short-circuit current smaller than 400 A |
| continuous current of the C characteristic MCB | |
| • | 10 A |
| continuous current of the DIAZED fuse link gG | 10 A |
| Substance Prohibitance (Date) | 10/01/2014 |
| operating voltage | |
| • 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 | |
| type of voltage of the supply voltage of the light source | AC/DC |
| supply voltage of the light source at AC | |
| 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 |
| Control circuit/ Control | |
| inrush current of LED module maximum | 2 A |
| | 20 |
| 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 NO contacts for auxiliary contacts Connections/ Terminals | 1 |
| | 1 spring-loaded terminals |
| Connections/ Terminals | |
| Connections/ Terminals type of electrical connection | spring-loaded terminals |
| Connections/ Terminals type of electrical connection • of modules and accessories | spring-loaded terminals |
| type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) |
| type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) |
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| type of electrical connection • of modules and accessories 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 cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED blue 280 710 mcd |
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| type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED blue 280 710 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting |
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| type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED blue 280 710 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting 40 mm 30 mm round 22.3 mm 0.4 mm |
| type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED blue 280 710 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting 40 mm 30 mm round 22.3 mm |

installation depth

49.7 mm

Certificates/ approvals

General Product Approval

Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other





Environmental Confirmations Confirmation

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=3SU1102-0AB50-3BA0

Cax online generator

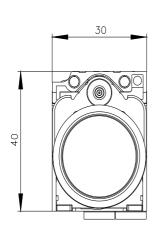
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-0AB50-3BA0

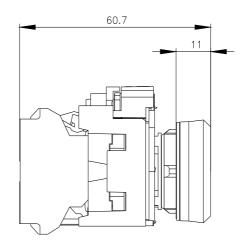
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$

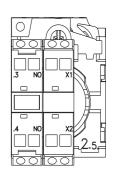
https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-0AB50-3BA0

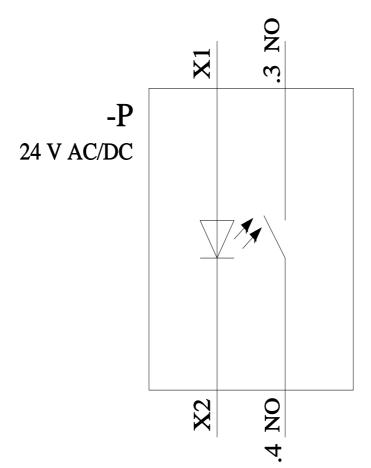
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-0AB50-3BA0&lang=en









last modified: 1/26/2022 🖸