SIEMENS

Data sheet



Illuminated pushbutton, 22 mm, round, metal, shiny, green, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 24 V AC/DC, screw terminal, with laser labeling, upper case and lower case, always upper case at beginning of line

| product brand name | SIRIUS ACT |
|--|--|
| product designation | Illuminated pushbuttons |
| design of the product | Complete unit |
| product type designation | 3SU1 |
| product line | Metal, shiny, 22 mm |
| manufacturer's article number | |
| of supplied contact module at position 1 | 3SU1400-1AA10-1FA0 |
| of supplied LED module | 3SU1401-1BB40-1AA0 |
| of the supplied holder | 3SU1550-0AA10-0AA0 |
| of the supplied actuator | 3SU1051-0AB40-0AA0 |
| number of command points | 1 |
| Actuator | |
| 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 |
| marking of the actuating element | Customized labeling, text in lower case / capital letters, all lines start with capital letter |
| 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 | Plastic |
| Display | |
| number of LED modules | 1 |
| General technical data | |
| product function positive opening | Yes |
| 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) |
| • of the terminal | IP20, clamping screw tightened |

| degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 |
|--|--|
| shock resistance | |
| according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms |
| vibration resistance | |
| according to IEC 60068-2-6 | 10 500 Hz: 5g |
| 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 quick DIAZED fuse link | 10 A |
| continuous current of the DIAZED fuse link gG | 10 A |
| Substance Prohibitance (Date) | 10/01/2014 |
| operating voltage | 10/0 //2014 |
| • at AC | |
| | E 500 V |
| — 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 | (0.1, 1.1111) |
| | ACIDO |
| type of voltage of the supply voltage of the light source | AC/DC |
| supply voltage of the light source at AC | 04.14 |
| • 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 |
| Auxilians circuit | |
| Auxiliary circuit | |
| design of the contact of auxiliary contacts | Silver alloy |
| | Silver alloy 1 |
| design of the contact of auxiliary contacts | · |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection | 1 1 screw-type terminals |
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| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection | screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED green 900 1 800 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 |

| mounting diameter | 22.3 mm |
|---|---------|
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 11 mm |
| installation width | 29.5 mm |
| installation depth | 71.7 mm |
| Certificates/ approvals | |

Siemens has decided to exit the Russian market (see here).

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1152-0AB40-1FA0-Z Y10

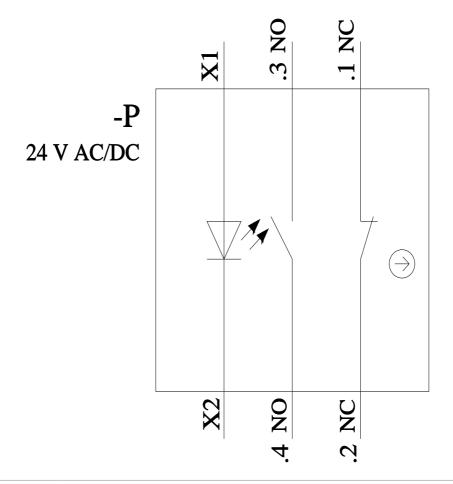
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB40-1FA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB40-1FA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1152-0AB40-1FA0-Z Y10&lang=en



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