## **SIEMENS**

## **Data sheet**



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, yellow, 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, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

| product brand name   | SIRIUS ACT   |
|--|--|
| product designation  | Illuminated pushbuttons  |
| design of the product  | Complete unit  |
| product type designation                                     | 3SU1   |
| product line   | Plastic with metal front ring, matt, 22 mm   |
| manufacturer's article number                                |  |
| <ul> <li>of supplied contact module at position 1</li> </ul> | 3SU1400-1AA10-1FA0   |
| <ul> <li>of supplied LED module</li> </ul>                   | 3SU1401-1BB30-1AA0   |
| <ul> <li>of the supplied holder</li> </ul>                   | 3SU1550-0AA10-0AA0   |
| of the supplied actuator                                     | 3SU1031-0AB30-0AA0   |
| 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                               | yellow   |
| 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                             | Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| number of contact modules                                    | 1  |
| Front ring   |  |
| 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  |
| 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   |

0101110 4 07

| 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   |
| for railway applications according to EN 61373  | Category 1, Class B  |
| vibration resistance  |  |
| • according to IEC 60068-2-6  | 10 500 Hz: 5g  |
| <ul> <li>for railway applications according to EN 61373</li> </ul>  | 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 quick DIAZED fuse link  | 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      at DC rated value  | 5 500 V  |
| 10 2 2 1010 2 1010 2  | 3 300 V  |
| Power Electronics   | One melaporation per 400 million (47 )/ F m/A) and million 46 million  |
| 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  | AGIDO  |
| at 50 Hz rated value  | 24 V   |
|   | 24 V   |
| at 60 Hz rated value  available of the light source at DC rated value.  |  |
| supply voltage 1 of the light source at DC rated value  | 24 V   |
| Control singuist Control  |  |
| Control circuit/ Control  |  |
| inrush current of LED module maximum  | 2 A  |
| inrush current of LED module maximum Auxiliary circuit  |  |
| inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  | 2 A Silver alloy   |
| inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  |  |
| inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  | Silver alloy   |
| inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  | Silver alloy 1   |
| inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  | Silver alloy 1   |
| inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals   | Silver alloy 1 1   |
| inrush current of LED module maximum  Auxiliary circuit  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   | Silver alloy  1  1  screw-type terminals   |
| inrush current of LED module maximum  Auxiliary circuit  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  • of modules and accessories   | Silver alloy  1  1  screw-type terminals   |
| inrush current of LED module maximum  Auxiliary circuit  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  • of modules and accessories  type of connectable conductor cross-sections   | Silver alloy  1  1  screw-type terminals Screw-type terminal   |
| inrush current of LED module maximum  Auxiliary circuit  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  of modules and accessories  type of connectable conductor cross-sections solid with core end processing  | Silver alloy  1  1  screw-type terminals Screw-type terminal  2x (0.5 0.75 mm²)  |
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| inrush current of LED module maximum  Auxiliary circuit  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  of modules and accessories  type of connectable conductor cross-sections  solid with core end processing  finely stranded with core end processing  finely stranded without core end processing  for AWG cables  tightening torque of the screws in the bracket  tightening torque with screw-type terminals  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  | Silver alloy  1  1  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 (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m  LED yellow 900 1 400 mcd   |
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| 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                          | 71.7 mm |
| Certificates/ approvals                     |         |
|   |         |

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1132-0AB30-1FA0-Z Y19

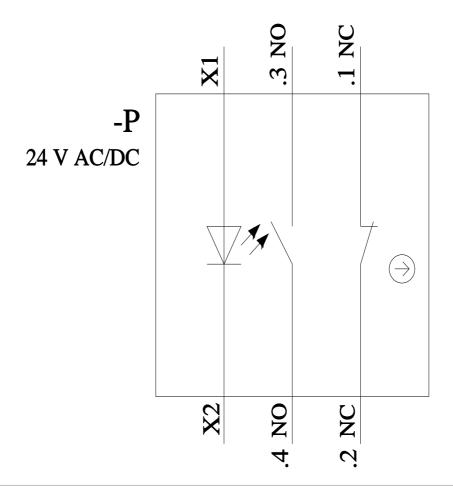
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1132-0AB30-1FA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1132-0AB30-1FA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1132-0AB30-1FA0-Z Y19&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1132-0AB30-1FA0-Z Y19&lang=en</a>



last modified: 1/26/2022 🖸

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