



Pushbutton, 22 mm, round, metal, shiny, yellow, pushbutton, flat, momentary contact type, with holder, 1 NO, screw terminal, with laser labeling, lower case

|   |   |
|---|---|
| product brand name                              | SIRIUS ACT                                      |
| product designation                             | 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      | <a href="#">3SU1400-1AA10-1BA0</a>              |
| • of the supplied holder                        | <a href="#">3SU1550-0AA10-0AA0</a>              |
| • of the supplied actuator                      | <a href="#">3SU1050-0AB30-0AA0</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         | No  |
| 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                | Customized labeling, text in lower case letters |
| 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                      | Metal, high gloss                               |
| color of the front ring                         | silver  |
| <b>Holder</b>                                   |   |
| material of the holder                          | Plastic   |
| <b>Display</b>                                  |   |
| number of LED modules                           | 0   |
| <b>General technical data</b>                   |   |
| product function positive opening               | No  |
| product component light source                  | No  |
| insulation voltage rated value                  | 500 V   |
| degree of pollution                             | 3   |
| type of voltage of the operating voltage        | AC/DC   |
| surge voltage resistance rated value            | 6 kV  |
| protection class IP                             | IP66, IP67, IP69(IP69K)                         |
| • of the terminal                               | IP20  |
| degree of protection NEMA rating                | 1, 2, 3, 3R, 4, 4X, 12, 13                      |

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|--|---|
| <b>shock resistance</b>  |   |
| • according to IEC 60068-2-27                                  | sinusoidal half-wave 15g / 11 ms  |
| <b>vibration resistance</b>                                    |   |
| • according to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g   |
| <b>operating frequency maximum</b>                             | 3 600 1/h   |
| mechanical service life (switching cycles) typical             | 10 000 000  |
| electrical endurance (switching cycles) typical                | 10 000 000  |
| <b>thermal current</b>   | 10 A  |
| <b>reference code according 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  |
| <b>Substance Prohibitance (Date)</b>                           | 10/01/2014  |
| <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>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>                                  |   |
| <b>type of electrical connection</b>                           | screw-type terminals  |
| • 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 cables  | 2x (18 ... 14)  |
| <b>tightening torque of the screws in the bracket</b>          | 1 ... 1.2 N·m   |
| tightening torque with screw-type terminals                    | 0.8 ... 0.9 N·m   |
| <b>Ambient conditions</b>                                      |   |
| <b>ambient temperature</b>                                     |   |
| • during operation   | -25 ... +70 °C  |
| • during storage   | -40 ... +80 °C  |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 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 plate 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   |
| <b>Certificates/ approvals</b>                                 |   |
| <b>Further information</b>                                     |   |

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=3SU1150-0AB30-1BA0-Z Y12>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB30-1BA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB30-1BA0-Z Y12>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-0AB30-1BA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB30-1BA0-Z Y12&lang=en)

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