



Pushbutton, 22 mm, round, metal, shiny, black, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, screw terminal

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>product brand name</b>                              | SIRIUS ACT                     |
| <b>product designation</b>                             | Pushbuttons                    |
| <b>design of the product</b>                           | Complete unit                  |
| <b>product type designation</b>                        | 3SU1                           |
| <b>product line</b>                                    | Metal, shiny, 22 mm            |
| <b>manufacturer's article number</b>                   |                                |
| • of supplied contact module at position 1             | 3SU1400-1AA10-1FA0             |
| • of the supplied holder                               | 3SU1550-0AA10-0AA0             |
| • of the supplied actuator                             | 3SU1050-0AB10-0AA0             |
| <b>number of command points</b>                        | 1                              |
| <b>Actuator</b>                                        |                                |
| <b>design of the actuating element</b>                 | Button, flat                   |
| <b>principle of operation of the actuating element</b> | momentary contact type         |
| product extension optional light source                | No                             |
| color of the actuating element                         | black                          |
| <b>material of the actuating element</b>               | plastic                        |
| <b>shape of the actuating element</b>                  | round                          |
| <b>outer diameter of the actuating element</b>         | 29.45 mm                       |
| <b>number of contact modules</b>                       | 1                              |
| <b>Front ring</b>                                      |                                |
| <b>product component front ring</b>                    | Yes                            |
| <b>design of the front ring</b>                        | Standard                       |
| <b>material of the front ring</b>                      | Metal, high gloss              |
| <b>color of the front ring</b>                         | silver                         |
| <b>Holder</b>                                          |                                |
| <b>material of the holder</b>                          | Metal                          |
| <b>Display</b>                                         |                                |
| <b>number of LED modules</b>                           | 0                              |
| <b>General technical data</b>                          |                                |
| product function positive opening                      | Yes                            |
| product component light source                         | No                             |
| insulation voltage rated value                         | 500 V                          |
| <b>degree of pollution</b>                             | 3                              |
| type of voltage of the operating voltage               | AC/DC                          |
| <b>surge voltage resistance rated value</b>            | 6 kV                           |
| <b>protection class IP</b>                             | IP66, IP67, IP69(IP69K)        |
| • of the terminal                                      | IP20, clamping screw tightened |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>degree of protection NEMA rating</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1, 2, 3, 3R, 4, 4X, 12, 13                                                                                                                                          |
| <b>shock resistance</b><br>• acc. to IEC 60068-2-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sinusoidal half-wave 50g / 11 ms                                                                                                                                    |
| <b>vibration resistance</b><br>• acc. 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 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                                                                                                                                                                |
| • operating voltage at AC<br>— at 50 Hz rated value<br>— at 60 Hz rated value<br>• operating voltage at DC rated value                                                                                                                                                                                                                                                                                                                                                                                               | 5 ... 500 V<br>5 ... 500 V<br>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                                                                                                   |
| <b>number of NO contacts for auxiliary contacts</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                                                                                                   |
| <b>Connections/ Terminals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |
| type of electrical connection of modules and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Screw-type terminal                                                                                                                                                 |
| <b>type of connectable conductor cross-sections</b><br>• solid with core end processing<br>• solid without core end processing<br>• finely stranded with core end processing<br>• finely stranded without core end processing<br>• at AWG cables                                                                                                                                                                                                                                                                     | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (18 ... 14) |
| <b>tightening torque of the screws in the bracket</b><br>• tightening torque with screw-type terminals                                                                                                                                                                                                                                                                                                                                                                                                               | 1 ... 1.2 N·m<br>0.8 ... 0.9 N·m                                                                                                                                    |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                     |
| • ambient temperature during operation<br>• ambient temperature during storage                                                                                                                                                                                                                                                                                                                                                                                                                                       | -25 ... +70 °C<br>-40 ... +80 °C                                                                                                                                    |
| environmental category during operation acc. 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><br>• of modules and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                              | front panel mounting<br>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 71.7 mm                                                                                                                                                             |
| <b>Certificates/ approvals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                     |
| <div>General Product Approval</div> <div>     <a href="#">Miscellaneous</a>  </div> |                                                                                                                                                                     |

## Test Certificates

## Marine / Shipping

[Special Test Certificate](#)

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## Marine / Shipping

## other



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## 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=3SU1150-0AB10-1FA0>

Cax online generator

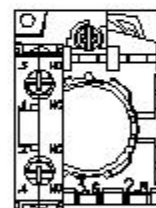
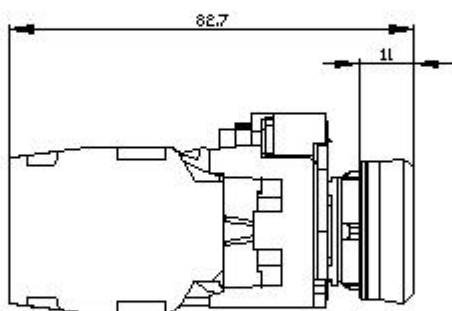
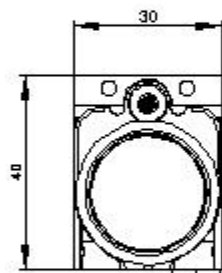
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB10-1FA0>

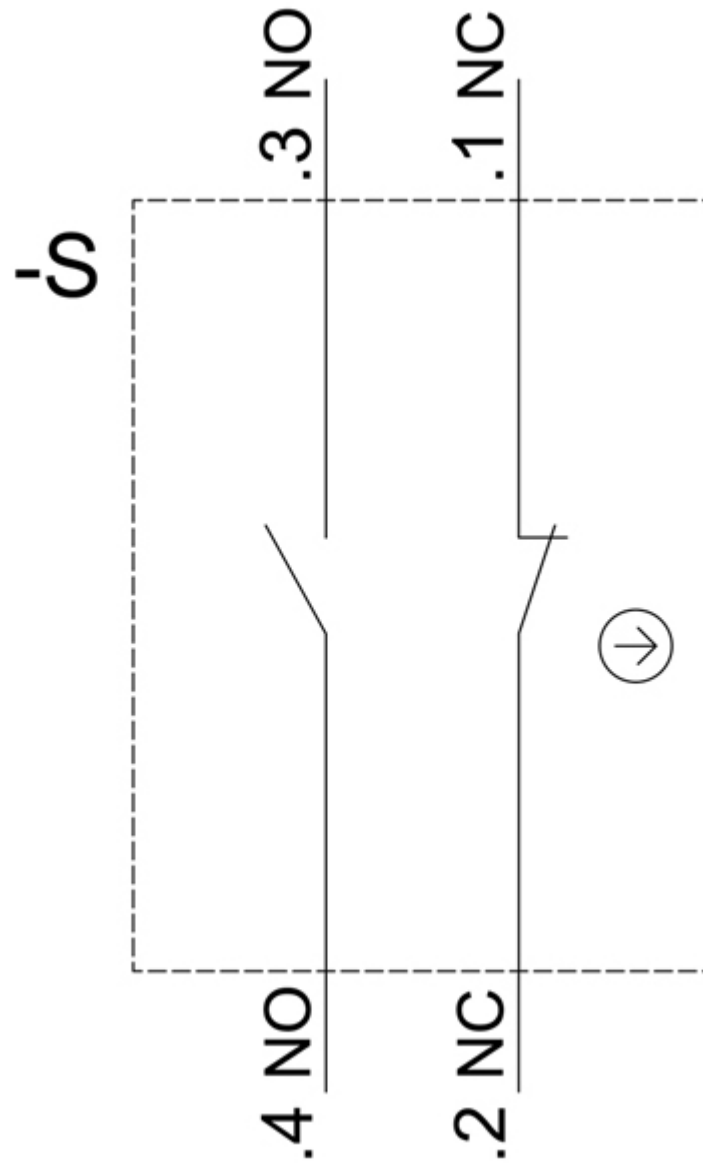
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB10-1FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-0AB10-1FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB10-1FA0&lang=en)





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