



Mushroom pushbutton, 22 mm, round, metal, shiny, black, 30 mm, momentary contact type, with laser labeling, lower case

|   |   |
|---|---|
| <b>product brand name</b>                                 | SIRIUS ACT                                      |
| <b>product designation</b>                                | Mushroom pushbuttons                            |
| <b>design of the product</b>                              | Actuating/signaling element                     |
| <b>product type designation</b>                           | 3SU1  |
| <b>product line</b>                                       | Metal, shiny, 22 mm                             |
| <b>Enclosure</b>  |   |
| <b>number of command points</b>                           | 1   |
| <b>Actuator</b>   |   |
| <b>principle of operation of the actuating element</b>    | momentary contact type                          |
| <b>product extension optional light source</b>            | No  |
| <b>color of the actuating element</b>                     | 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>            | 30 mm   |
| <b>marking of the actuating element</b>                   | Customized labeling, text in lower case letters |
| <b>number of switching positions</b>                      | 2   |
| <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>General technical data</b>                             |   |
| <b>product function</b>                                   |   |
| • EMERGENCY OFF function                                  | No  |
| • EMERGENCY STOP function                                 | No  |
| <b>protection class IP</b>                                | IP66, IP67, IP69(IP69K)                         |
| <b>degree of protection NEMA rating</b>                   | 1, 2, 3, 3R, 4, 4X, 12, 13                      |
| <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                                       |
| <b>mechanical service life (switching cycles) typical</b> | 10 000 000                                      |
| <b>reference code according to IEC 81346-2</b>            | S   |
| <b>Substance Prohibitance (Date)</b>                      | 10/01/2014                                      |
| <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%) |
| <b>Installation/ mounting/ dimensions</b>                      |  |
| height   | 30 mm  |
| width  | 30 mm  |
| shape of the installation opening                              | round  |
| mounting diameter  | 22.3 mm  |
| positive tolerance of installation diameter                    | 0.4 mm   |
| mounting height  | 27.5 mm  |
| installation width   | 30 mm  |
| installation depth   | 24.4 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=3SU1050-1AD10-0AA0-Z Y12>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1AD10-0AA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1AD10-0AA0-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=3SU1050-1AD10-0AA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1AD10-0AA0-Z Y12&lang=en)

last modified:

1/27/2022 