



Illuminated twin pushbutton, 22 mm, round, plastic, white, black, pushbuttons, flat and raised, with laser labeling, upper case

|   |                                     |
|---|-------------------------------------|
| <b>product brand name</b>                                 | SIRIUS ACT                          |
| <b>product designation</b>                                | Twin pushbuttons                    |
| <b>design of the product</b>                              | Actuating/signaling element         |
| <b>product type designation</b>                           | 3SU1                                |
| <b>product line</b>                                       | Plastic, black, 22 mm               |
| <b>Enclosure</b>  |                                     |
| <b>number of command points</b>                           | 1                                   |
| <b>Actuator</b>   |                                     |
| <b>design of the actuating element</b>                    | Flat/raised buttons, illuminated    |
| <b>principle of operation of the actuating element</b>    | momentary contact type              |
| <b>product extension optional</b>                         |                                     |
| • light source  | Yes                                 |
| • contact module  | Yes                                 |
| <b>color of the actuating element</b>                     | white / black                       |
| <b>material of the actuating element</b>                  | plastic                             |
| <b>shape of the actuating element</b>                     | oval                                |
| <b>marking of the actuating element</b>                   | Any inscription, text in upper case |
| <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>                         | plastic                             |
| <b>color of the front ring</b>                            | black                               |
| <b>General technical data</b>                             |                                     |
| <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>                                   |                                     |
| • acc. to IEC 60068-2-27                                  | Sinusoidal half-wave 50g / 11 ms    |
| • for railway applications acc. to DIN EN 61373           | Category 1, Class B                 |
| <b>vibration resistance</b>                               |                                     |
| • acc. to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g                   |
| • for railway applications acc. to DIN EN 61373           | Category 1, Class B                 |
| <b>operating frequency maximum</b>                        | 3 600 1/h                           |
| <b>mechanical service life (switching cycles) typical</b> | 2 000 000                           |
| <b>reference code acc. to IEC 81346-2</b>                 | S                                   |
| <b>Ambient conditions</b>                                 |                                     |
| • ambient temperature during operation                    | -25 ... +70 °C                      |
| • ambient temperature during storage                      | -40 ... +80 °C                      |

|   |   |
|---|---|
| environmental category during operation acc. to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |
| <b>Installation/ mounting/ dimensions</b>                 |   |
| height  | 57.9 mm   |
| width   | 29.9 mm   |
| shape of the installation opening                         | round   |
| mounting diameter   | 22.3 mm   |
| positive tolerance of installation diameter               | 0.4 mm  |
| mounting height   | 18.7 mm   |
| installation width  | 29.9 mm   |
| installation depth  | 25.5 mm   |

#### Certificates/ approvals

#### 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=3SU1001-3BB61-0AA0-Z Y11>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-3BB61-0AA0-Z Y11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-3BB61-0AA0-Z Y11>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1001-3BB61-0AA0-Z Y11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-3BB61-0AA0-Z Y11&lang=en)

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