



Illuminated twin pushbutton, 22 mm, round, plastic with metal front ring, white, white, Pushbuttons, flat, with laser labeling, inscription or symbol  
Customer-specific selection with SIRIUS ACT configurator (CIN)

|   |  |
|---|--|
| <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 with metal front ring, matt, 22 mm   |
| <b>Enclosure</b>  |  |
| <b>number of command points</b>                           | 1  |
| <b>Actuator</b>   |  |
| <b>design of the actuating element</b>                    | Flat 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 / white  |
| <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 or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| <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, matt  |
| <b>color of the front ring</b>                            | sand gray  |
| <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>                                   |  |
| • according to IEC 60068-2-27                             | sinusoidal half-wave 15g / 11 ms   |
| • for railway applications according to EN 61373          | Category 1, Class B  |
| <b>vibration resistance</b>                               |  |
| • according to IEC 60068-2-6                              | 10 ... 500 Hz: 5g  |
| • for railway applications according to 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 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%) |

| Installation/ mounting/ dimensions          |         |
|---|---------|
| 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                             | 14.4 mm |
| installation width                          | 29.9 mm |
| installation depth                          | 25.7 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=3SU1031-3AB66-0AA0-Z Y19>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-3AB66-0AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3AB66-0AA0-Z Y19>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1031-3AB66-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-3AB66-0AA0-Z Y19&lang=en)

last modified:

1/26/2022 