



Illuminated twin pushbutton, 22 mm, round, plastic with metal front ring, white, white, Pushbuttons, flat, with laser labeling, lower case

|                                                          |                                                                    |
|----------------------------------------------------------|--------------------------------------------------------------------|
| product brand name                                       | SIRIUS ACT                                                         |
| product designation                                      | Twin pushbuttons                                                   |
| design of the product                                    | Actuating/signaling element                                        |
| product type designation                                 | 3SU1                                                               |
| product line                                             | Plastic with metal front ring, matt, 22 mm                         |
| <b>Enclosure</b>                                         |                                                                    |
| number of command points                                 | 1                                                                  |
| <b>Actuator</b>                                          |                                                                    |
| design of the actuating element                          | Flat buttons, illuminated                                          |
| principle of operation of the actuating element          | momentary contact type                                             |
| product extension optional                               |                                                                    |
| • light source                                           | Yes                                                                |
| • contact module                                         | Yes                                                                |
| color of the actuating element                           | white / white                                                      |
| material of the actuating element                        | plastic                                                            |
| shape of the actuating element                           | oval                                                               |
| marking of the actuating element                         | Customized labeling, text in lower case letters                    |
| <b>Front ring</b>                                        |                                                                    |
| product component front ring                             | Yes                                                                |
| design of the front ring                                 | Standard                                                           |
| material of the front ring                               | Metal, matt                                                        |
| color of the front ring                                  | sand gray                                                          |
| <b>General technical data</b>                            |                                                                    |
| protection class IP                                      | IP66, IP67, IP69(IP69K)                                            |
| degree of protection NEMA rating                         | 1, 2, 3, 3R, 4, 4X, 12, 13                                         |
| shock resistance                                         |                                                                    |
| • according to IEC 60068-2-27                            | sinusoidal half-wave 15g / 11 ms                                   |
| • for railway applications according to EN 61373         | Category 1, Class B                                                |
| vibration resistance                                     |                                                                    |
| • according to IEC 60068-2-6                             | 10 ... 500 Hz: 5g                                                  |
| • for railway applications according to EN 61373         | Category 1, Class B                                                |
| operating frequency maximum                              | 3 600 1/h                                                          |
| mechanical service life (operating cycles) typical       | 2 000 000                                                          |
| reference code according to IEC 81346-2                  | S                                                                  |
| Substance Prohibitance (Date)                            | 10/01/2014                                                         |
| <b>Ambient conditions</b>                                |                                                                    |
| ambient temperature                                      |                                                                    |
| • during operation                                       | -25 ... +70 °C                                                     |
| • during storage                                         | -40 ... +80 °C                                                     |
| environmental category during operation according to IEC | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |

|                                             |         |
|---------------------------------------------|---------|
| 60721                                       |         |
| <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                             | 14.4 mm |
| installation width                          | 29.9 mm |
| installation depth                          | 25.7 mm |
| <b>Approvals Certificates</b>               |         |
| <b>General Product Approval</b>             |         |



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|                          |                          |
|--------------------------|--------------------------|
| <b>Test Certificates</b> | <b>Marine / Shipping</b> |
|--------------------------|--------------------------|

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



|              |                    |
|--------------|--------------------|
| <b>other</b> | <b>Environment</b> |
|--------------|--------------------|

[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### 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 Y12>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-3AB66-0AA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3AB66-0AA0-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=3SU1031-3AB66-0AA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-3AB66-0AA0-Z Y12&lang=en)

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