



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, clear, pushbutton, flat momentary contact type

|                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| product brand name                                 | SIRIUS ACT                                 |
| product designation                                | Illuminated 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 button                                |
| principle of operation of the actuating element    | momentary contact type                     |
| product extension optional                         |                                            |
| • light source                                     | Yes                                        |
| • contact module                                   | Yes                                        |
| color of the actuating element                     | clear                                      |
| material of the actuating element                  | plastic                                    |
| shape of the actuating element                     | round                                      |
| outer diameter of the actuating element            | 29.5 mm                                    |
| <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 15 g / 11 ms          |
| • for railway applications according to EN 61373   | Category 1, Class B                        |
| vibration resistance                               |                                            |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5 g                         |
| • for railway applications according to EN 61373   | Category 1, Class B                        |
| operating frequency maximum                        | 3 600 1/h                                  |
| mechanical service life (operating cycles) typical | 3 000 000                                  |
| reference code according to IEC 81346-2            | S                                          |
| Substance Prohibitance (day/month/year)            | 10/01/2014                                 |
| Net Weight                                         | 0.024 kg                                   |
| <b>Ambient conditions</b>                          |                                            |
| ambient temperature                                |                                            |
| • 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                                      | 29.5 mm |
| width                                       | 29.5 mm |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 11 mm   |
| installation width                          | 29.5 mm |
| installation depth                          | 24.3 mm |

#### Approvals Certificates

| Environment | General Product Approval | Test Certificates |
|-------------|--------------------------|-------------------|
|-------------|--------------------------|-------------------|

[Environmental Conformations](#)



[Type Test Certificates/Test Report](#)

| Test Certificates | Maritime application | other |
|-------------------|----------------------|-------|
|-------------------|----------------------|-------|

[Special Test Certificate](#)



[Confirmation](#)

other



#### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1031-0AB70-0AA0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0AB70-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0AB70-0AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1031-0AB70-0AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-0AB70-0AA0&lang=en)



---

last modified:

4/4/2026 