



Illuminated pushbutton, 22 mm, round, metal, shiny, green, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, lower case

|                                                    |                                                 |
|----------------------------------------------------|-------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                      |
| product designation                                | Illuminated pushbuttons                         |
| design of the product                              | Actuating/signaling element                     |
| product type designation                           | 3SU1                                            |
| product line                                       | Metal, shiny, 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    | latching                                        |
| product extension optional                         |                                                 |
| • light source                                     | Yes                                             |
| • contact module                                   | Yes                                             |
| color of the actuating element                     | green                                           |
| material of the actuating element                  | plastic                                         |
| shape of the actuating element                     | round                                           |
| outer diameter of the actuating element            | 29.5 mm                                         |
| marking of the actuating element                   | Customized labeling, text in lower case letters |
| type of unlocking device                           | push-to-unlatch mechanism                       |
| <b>Front ring</b>                                  |                                                 |
| product component front ring                       | Yes                                             |
| design of the front ring                           | Standard                                        |
| material of the front ring                         | Metal, high gloss                               |
| color of the front ring                            | silver                                          |
| <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                                   |                                                 |
| • acc. to IEC 60068-2-27                           | Sinusoidal half-wave 50g / 11 ms                |
| vibration resistance                               |                                                 |
| • acc. to IEC 60068-2-6                            | 10 ... 500 Hz: 5g                               |
| operating frequency maximum                        | 1 800 1/h                                       |
| mechanical service life (switching cycles) typical | 500 000                                         |
| reference code acc. to IEC 81346-2                 | 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                                                    | 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                                                             |
| <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=3SU1051-0AA40-0AA0-Z Y12>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0AA40-0AA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0AA40-0AA0-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=3SU1051-0AA40-0AA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-0AA40-0AA0-Z Y12&lang=en)

last modified:

12/21/2020 