



Pushbutton, 22 mm, round, plastic, green, pushbutton, flat, latching, Push-to-release mechanism

|                          |                             |
|--------------------------|-----------------------------|
| product brand name       | SIRIUS ACT                  |
| product designation      | Pushbuttons                 |
| design of the product    | Actuating/signaling element |
| product type designation | 3SU1                        |
| product line             | Plastic, black, 22 mm       |

### Enclosure

|                          |   |
|--------------------------|---|
| number of command points | 1 |
|--------------------------|---|

### Actuator

|                                                 |                           |
|-------------------------------------------------|---------------------------|
| design of the actuating element                 | Flat button               |
| principle of operation of the actuating element | latching                  |
| product extension optional                      |                           |
| • light source                                  | No                        |
| • 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                   |
| type of unlocking device                        | push-to-unlatch mechanism |

### Front ring

|                              |          |
|------------------------------|----------|
| product component front ring | Yes      |
| design of the front ring     | Standard |
| material of the front ring   | plastic  |
| color of the front ring      | black    |

### General technical data

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| 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                        | 1 800 1/h                        |
| mechanical service life (switching cycles) typical | 500 000                          |
| reference code according to IEC 81346-2            | S                                |
| Substance Prohibitance (Date)                      | 10/01/2014                       |

### Ambient conditions

|                                                          |                                                                    |
|----------------------------------------------------------|--------------------------------------------------------------------|
| 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%) |

**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 |

**Certificates/ approvals****General Product Approval****Declaration of Conformity**
[Confirmation](#)


EG-Konf.

**Test Certificates****Marine / Shipping**
[Type Test Certificates/Test Report](#)
[Special Test Certificate](#)


ABS



LRS



PRS

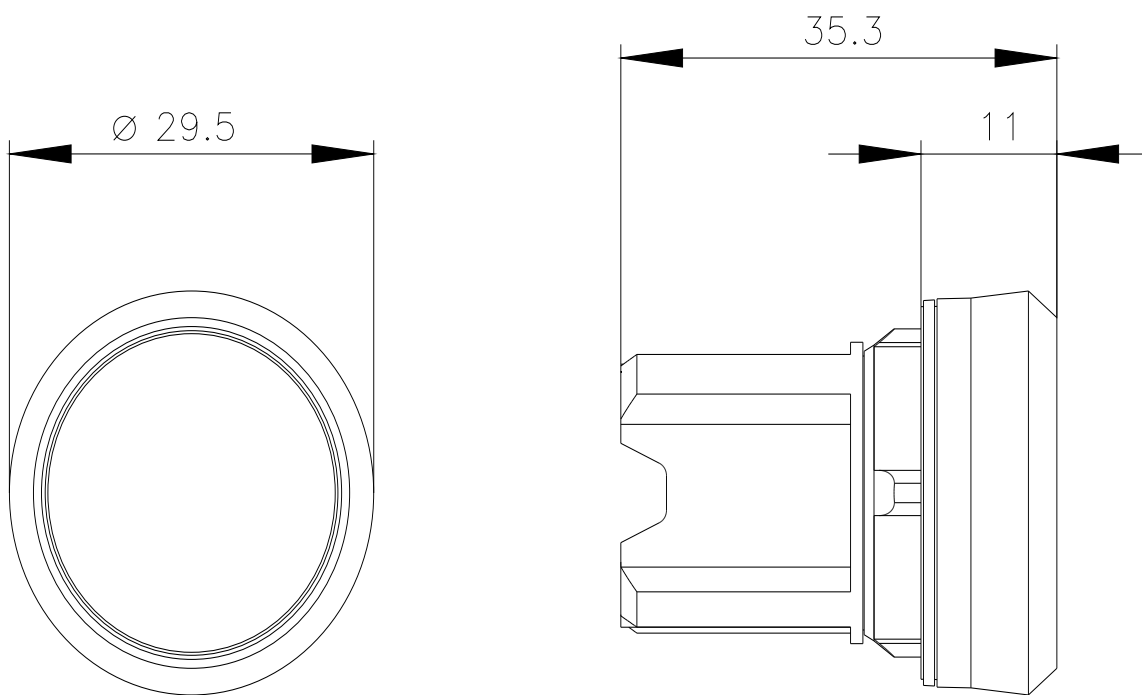


RINA

**Marine / Shipping****other**

RMRS

[Environmental Confirmations](#)
[Confirmation](#)
**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=3SU1000-0AA40-0AA0>
**Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-0AA40-0AA0>
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0AA40-0AA0>
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1000-0AA40-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-0AA40-0AA0&lang=en)



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