

Illuminated twin pushbutton, 22 mm, round, plastic with metal front ring, red, green, pushbuttons, flat and raised



|                          |                             |
|--------------------------|-----------------------------|
| Product brand name       | SIRIUS ACT                  |
| Product designation      | Twin pushbuttons            |
| Design of the product    | Actuating/signaling element |
| Product type designation | 3SU1                        |

| Enclosure                |   |
|--------------------------|---|
| Number of command points | 1 |

| Actuator                                    |                                  |
|---------------------------------------------|----------------------------------|
| Design of the operating mechanism           | Flat/raised buttons, illuminated |
| Manner of function of the actuating element | Momentary contact type           |
| Product extension optional Light source     | Yes                              |
| Color                                       |                                  |
| • of the actuating element                  | Green / red                      |
| Material of the actuating element           | plastic                          |
| Shape of the actuating element              | oval                             |

| Front ring                   |             |
|------------------------------|-------------|
| 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                          | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13                                                                                                     |
| Shock resistance                                          | <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul> |
| Operating frequency maximum                               | 3 600 1/h                                                                                                                           |
| Mechanical service life (switching cycles)                | <ul style="list-style-type: none"> <li>• typical</li> </ul>                                                                         |
| Reference code acc. to DIN EN 81346-2                     | S                                                                                                                                   |
| Reference code acc. to DIN EN 61346-2                     | S                                                                                                                                   |
| <b>Ambient conditions</b>                                 |                                                                                                                                     |
| Ambient temperature                                       | <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>                                      |
| 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)                                                  | 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                                           | 18.7 mm                                                                                                                             |
| Installation width                                        | 29.9 mm                                                                                                                             |
| Installation depth                                        | 25.5 mm                                                                                                                             |
| <b>Certificates/approvals</b>                             |                                                                                                                                     |

| General Product Approval                                                          |                                                                                   |                                                                                   | Declaration of Conformity                                                         | Test Certificates                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  | <a href="#">Miscellaneous</a><br><a href="#">Type Test Certificates/Test Report</a> |
| CSA                                                                               | UL                                                                                |                                                                                   | EG-Konf.                                                                          |                                                                                     |

| Marine / Shipping                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| ABS                                                                               | LRS                                                                               | PRS                                                                               | RINA                                                                              | RMRS                                                                                | DNVGL.COM/AF                                                                        |

| other                        |
|------------------------------|
| <a href="#">Confirmation</a> |

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1031-3BB42-0AA0>

**Cax online generator**

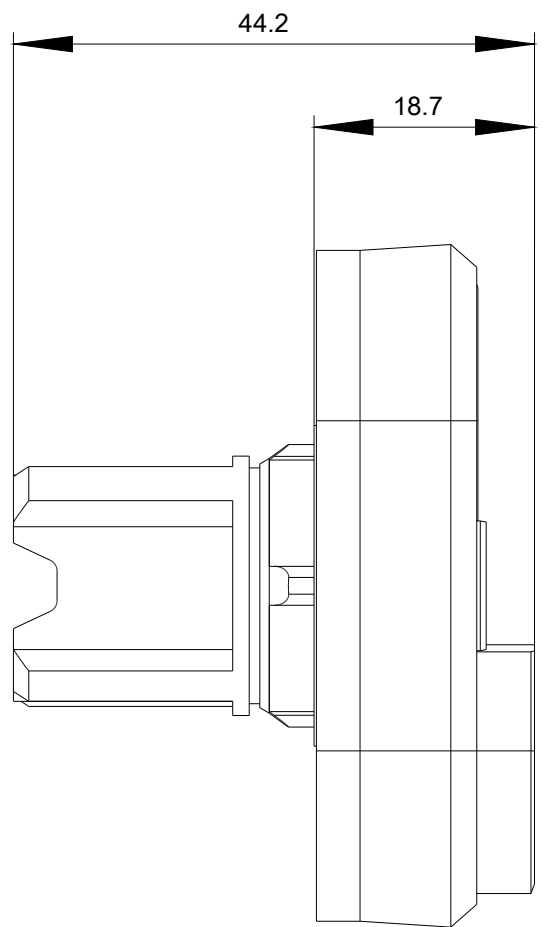
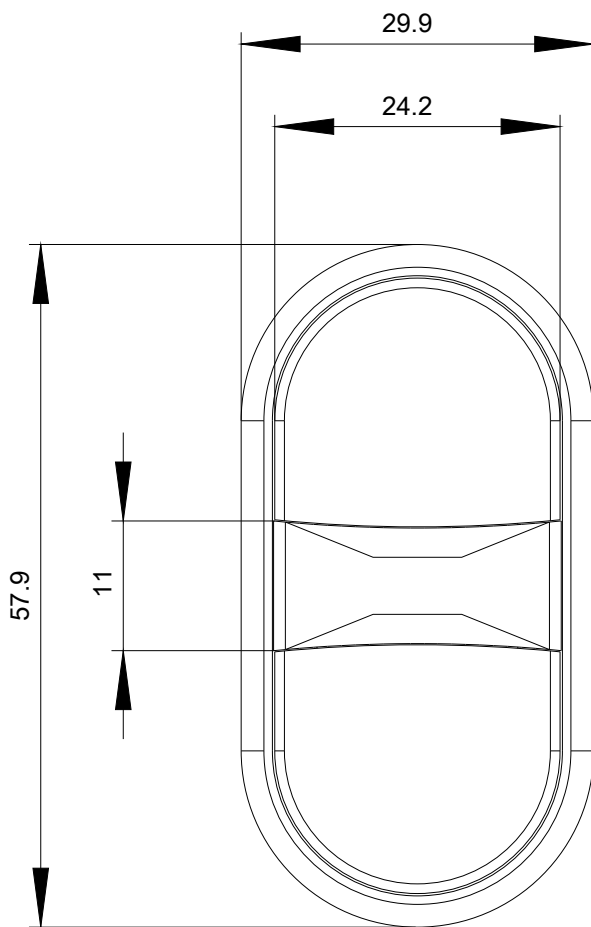
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-3BB42-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3BB42-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1031-3BB42-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-3BB42-0AA0&lang=en)



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