

Twin pushbutton, 22 mm, round, plastic with metal front ring, green, red, pushbuttons, flat, with laser labeling, symbol number according to, ISO 7000 or IEC 60417



|                          |  |
|--------------------------|--|
| 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 |

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

| Actuator                                    |   |
|---|---|
| Design of the operating mechanism           | Flat buttons  |
| Manner of function of the actuating element | momentary contact type  |
| Product extension optional Light source     | No  |
| Color                                       |   |
| • of the actuating element                  | green / red   |
| Material of the actuating element           | plastic   |
| Shape of the actuating element              | oval  |
| Marking of the actuating element            | Customized labeling, graphical symbols acc. to ISO7000 and IEC60417 |

| 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   |

#### 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  |   |
| <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> | <p>Sinusoidal half-wave 50 g / 11 ms</p> <p>Category 1, Class B</p> |
| Vibration resistance  |   |
| <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>  | <p>10 ... 500 Hz: 5g</p> <p>Category 1, Class B</p>                 |
| Operating frequency maximum   | 3 600 1/h   |
| Mechanical service life (switching cycles)  |   |
| <ul style="list-style-type: none"> <li>• typical</li> </ul>   | 2 000 000   |
| Reference code acc. to DIN EN 81346-2   | S   |
| Reference code acc. to DIN EN 61346-2   | S   |

#### Ambient conditions

|  |   |
|--|---|
| Ambient temperature  |   |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul> | <p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>                         |
| Environmental category during operation acc. to IEC 60721                                      | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |

#### Installation/ mounting/ dimensions

|   |         |
|---|---------|
| 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 |

#### Certificates/ approvals

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

|                   |                   |
|-------------------|-------------------|
| Test Certificates | Marine / Shipping |
|-------------------|-------------------|

[Special Test Certificate](#)



ABS



LRS



PRS



RINA



RMRS

|                   |       |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|

[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=3SU1030-3AB42-0AA0-Z Y13>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-3AB42-0AA0-Z Y13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-3AB42-0AA0-Z Y13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-3AB42-0AA0-Z Y13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-3AB42-0AA0-Z Y13&lang=en)

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