

Pushbutton, 22 mm, round, plastic with metal front ring, red, Front ring, raised momentary contact type, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



|                          |  |
|--------------------------|--|
| Product brand name       | SIRIUS ACT                                 |
| Product designation      | 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 button  |
| Manner of function of the actuating element | momentary contact type   |
| Product extension optional Light source     | No   |
| Color                                       |  |
| • of the actuating element                  | red  |
| 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            | Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |

| Front ring                   |             |
|------------------------------|-------------|
| Product component front ring | Yes         |
| Design of the front ring     | high        |
| 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  | 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> | Sinusoidal half-wave 50 g / 11 ms<br>Category 1, Class B |
| 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>  | 10 ... 500 Hz: 5g<br>Category 1, Class B                 |
| Operating frequency maximum   | 3 600 1/h  |
| Mechanical service life (switching cycles)  |  |
| <ul style="list-style-type: none"> <li>typical</li> </ul>   | 10 000 000   |
| 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> | -25 ... +70 °C<br>-40 ... +80 °C                                    |
| Environmental category during operation acc. 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                             | 18.1 mm |
| Installation width                          | 29.5 mm |
| Installation depth                          | 24.3 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  |  |  |   |   |
| <a href="#">Special Test Certificate</a> | <br>ABS | <br>LRS | <br>PRS | <br>RINA | <br>RMRS |

|   |                              |
|---|------------------------------|
| Marine / Shipping   | other                        |
| <br>DNV-GL<br>DNVGL.COM/AF | <a href="#">Confirmation</a> |

#### 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=3SU1030-0CB20-0AA0-Z Y19>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-0CB20-0AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-0CB20-0AA0-Z Y19>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-0CB20-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-0CB20-0AA0-Z Y19&lang=en)

last modified:

02/06/2020