

Illuminated pushbutton, 22 mm, round, plastic, blue, 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             | Plastic, black, 22 mm       |

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

|                                             |                                                 |
|---------------------------------------------|-------------------------------------------------|
| Actuator                                    |                                                 |
| Design of the operating mechanism           | Flat button                                     |
| Manner of function of the actuating element | latching                                        |
| Product extension optional Light source     | Yes                                             |
| Color                                       |                                                 |
| • of the actuating element                  | blue                                            |
| 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>                                                                                                                   |                                                                     |
| <b>Product component front ring</b>                                                                                                 | Yes                                                                 |
| <b>Design of the front ring</b>                                                                                                     | Standard                                                            |
| <b>Material of the front ring</b>                                                                                                   | plastic                                                             |
| <b>Color of the front ring</b>                                                                                                      | black                                                               |
| <b>General technical data</b>                                                                                                       |                                                                     |
| <b>Protection class IP</b>                                                                                                          | IP66, IP67, IP69(IP69K)                                             |
| <b>Degree of protection NEMA rating</b>                                                                                             | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13                                     |
| <b>Shock resistance</b>                                                                                                             |                                                                     |
| <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            |
| <b>Vibration resistance</b>                                                                                                         |                                                                     |
| <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                            |
| <b>Operating frequency maximum</b>                                                                                                  | 1 800 1/h                                                           |
| <b>Mechanical service life (switching cycles)</b>                                                                                   |                                                                     |
| <ul style="list-style-type: none"> <li>• typical</li> </ul>                                                                         | 500 000                                                             |
| <b>Reference code acc. to DIN EN 81346-2</b>                                                                                        | S                                                                   |
| <b>Reference code acc. to DIN EN 61346-2</b>                                                                                        | S                                                                   |
| <b>Ambient conditions</b>                                                                                                           |                                                                     |
| <b>Ambient temperature</b>                                                                                                          |                                                                     |
| <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 %) |
| <b>Installation/ mounting/ dimensions</b>                                                                                           |                                                                     |
| <b>Height</b>                                                                                                                       | 29.5 mm                                                             |
| <b>Width</b>                                                                                                                        | 29.5 mm                                                             |
| <b>Shape of the installation opening</b>                                                                                            | round                                                               |
| <b>Mounting diameter</b>                                                                                                            | 22.3 mm                                                             |
| <b>Positive tolerance of installation diameter</b>                                                                                  | 0.4 mm                                                              |
| <b>Mounting height</b>                                                                                                              | 11 mm                                                               |
| <b>Installation width</b>                                                                                                           | 29.5 mm                                                             |
| <b>Installation depth</b>                                                                                                           | 24.3 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.                                                                          |                                                                                     |

| Test Certificates                        | Marine / Shipping                                                                 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">Special Test Certificate</a> |  |  |  |  |  |
|                                          | ABS                                                                               | LRS                                                                               | PRS                                                                               | RINA                                                                                | RMRS                                                                                |

| Marine / Shipping                                                                 | other                        |  |  |  |  |
|-----------------------------------------------------------------------------------|------------------------------|--|--|--|--|
|  | <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=3SU1001-0AA50-0AA0-Z Y12>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-0AA50-0AA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AA50-0AA0-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=3SU1001-0AA50-0AA0-Z Y12&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-0AA50-0AA0-Z Y12&lang=en)

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