



Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, blue, 40 mm, latching, Pull-to-unlatch mechanism

|                          |                             |
|--------------------------|-----------------------------|
| product brand name       | SIRIUS ACT                  |
| product designation      | Mushroom pushbuttons        |
| design of the product    | Actuating/signaling element |
| product type designation | 3SU1                        |
| product line             | Metal, shiny, 22 mm         |

### Enclosure

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

### Actuator

|                                                 |                           |
|-------------------------------------------------|---------------------------|
| design of the actuating element                 | illuminated               |
| principle of operation 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         | 40 mm                     |
| type of unlocking device                        | pull-to-unlatch mechanism |
| number of switching positions                   | 2                         |

### Front ring

|                              |                   |
|------------------------------|-------------------|
| product component front ring | Yes               |
| design of the front ring     | Standard          |
| material of the front ring   | Metal, high gloss |
| color of the front ring      | silver            |

### General technical data

|                                                                                                           |                                  |
|-----------------------------------------------------------------------------------------------------------|----------------------------------|
| product function                                                                                          | No                               |
| <ul style="list-style-type: none"> <li>EMERGENCY OFF function</li> <li>EMERGENCY STOP function</li> </ul> | No                               |
| protection class IP                                                                                       | IP66, IP67, IP69(IP69K)          |
| degree of protection NEMA rating                                                                          | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| shock resistance                                                                                          | sinusoidal half-wave 15g / 11 ms |
| <ul style="list-style-type: none"> <li>according to IEC 60068-2-27</li> </ul>                             |                                  |
| vibration resistance                                                                                      | 10 ... 500 Hz: 5g                |
| <ul style="list-style-type: none"> <li>according to IEC 60068-2-6</li> </ul>                              |                                  |
| 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                                                                        | -25 ... +70 °C                                                     |
| <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | -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                                      | 40 mm   |
| width                                       | 40 mm   |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 27.5 mm |
| installation width                          | 40 mm   |
| installation depth                          | 24.4 mm |

**Certificates/ approvals****General Product Approval****Declaration of Conformity**
[Confirmation](#)
**Test Certificates****Marine / Shipping**
[Special Test Certificate](#)
[Type Test Certificates/Test Report](#)
**Marine / Shipping****other**
[Confirmation](#)
[Environmental Confirmations](#)
**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=3SU1051-1BA50-0AA0>

Cax online generator

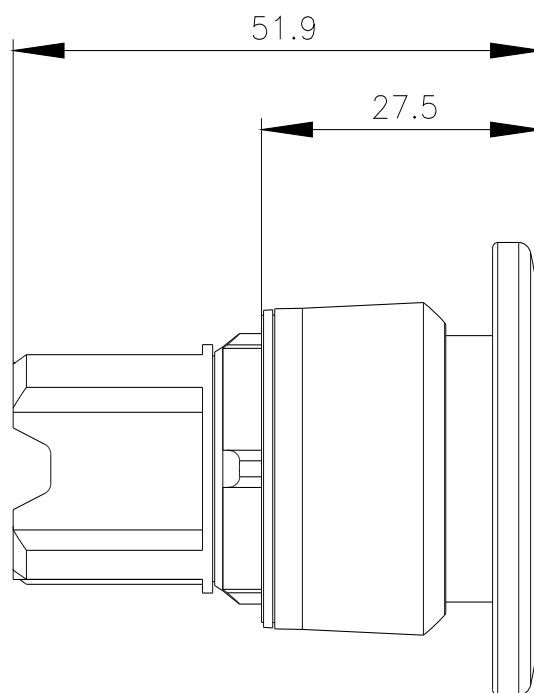
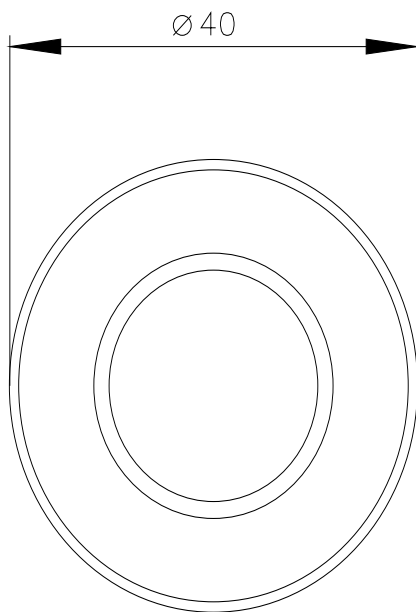
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1BA50-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA50-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1051-1BA50-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1BA50-0AA0&lang=en)



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