



Illuminated mushroom pushbutton, 22 mm, round, plastic, yellow, 40 mm, momentary contact type

|                          |                             |
|--------------------------|-----------------------------|
| product brand name       | SIRIUS ACT                  |
| product designation      | Mushroom 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 actuating element                 | illuminated            |
| principle of operation of the actuating element | momentary contact type |
| product extension optional light source         | Yes                    |
| color of the actuating element                  | yellow                 |
| material of the actuating element               | plastic                |
| shape of the actuating element                  | round                  |
| outer diameter of the actuating element         | 40 mm                  |
| number of switching positions                   | 2                      |

### Front ring

|                              |          |
|------------------------------|----------|
| product component front ring | Yes      |
| design of the front ring     | Standard |
| material of the front ring   | plastic  |
| color of the front ring      | black    |

### 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> <li>for railway applications according to EN 61373</li> </ul> | Category 1, Class B              |
| vibration resistance                                                                                                                  | 10 ... 500 Hz: 5g                |
| <ul style="list-style-type: none"> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> </ul>  | Category 1, Class B              |
| operating frequency maximum                                                                                                           | 3 600 1/h                        |
| mechanical service life (switching cycles) typical                                                                                    | 3 000 000                        |
| reference code according to IEC 81346-2                                                                                               | S                                |
| Substance Prohibitance (Date)                                                                                                         | 10/01/2014                       |

### 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 according to IEC 60721

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

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



##### Marine / Shipping

##### other



[Environmental Confirmations](#)

[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=3SU1001-1BD30-0AA0>

Cax online generator

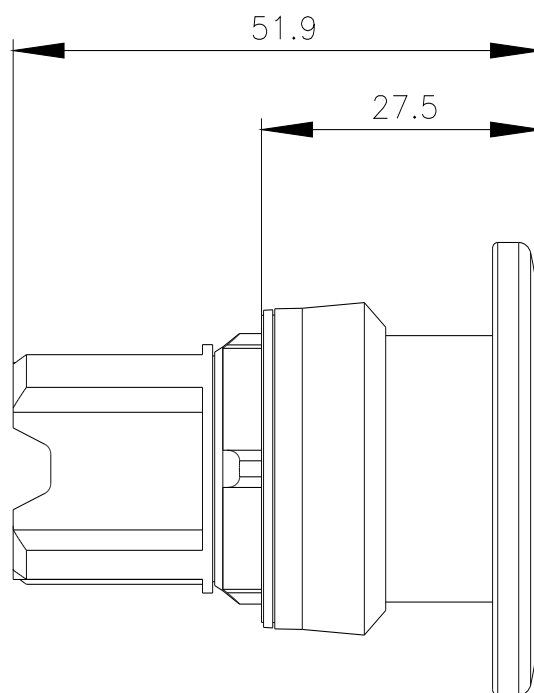
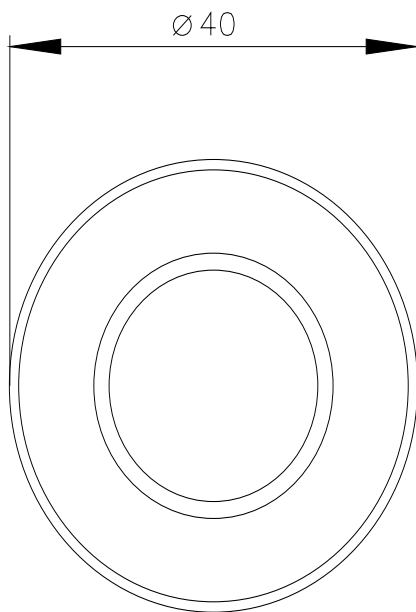
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1BD30-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1BD30-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1001-1BD30-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BD30-0AA0&lang=en)



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