

Illuminated mushroom pushbutton, 22 mm, round, plastic, green, 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             | Plastic, black, 22 mm       |

### Enclosure

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

### Actuator

|                                             |                           |
|---------------------------------------------|---------------------------|
| Design of the operating mechanism           | illuminated               |
| Manner of function of the actuating element | latching                  |
| Product extension optional Light source     | Yes                       |
| Color                                       |                           |
| • of the actuating element                  | green                     |
| 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   | plastic  |
| Color of the front ring      | black    |

| General technical data                            |                                   |
|---------------------------------------------------|-----------------------------------|
| <b>Product function</b>                           |                                   |
| • EMERGENCY OFF function                          | No                                |
| • EMERGENCY STOP function                         | No                                |
| <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>                           |                                   |
| • acc. to IEC 60068-2-27                          | Sinusoidal half-wave 50 g / 11 ms |
| • for railway applications acc. to DIN EN 61373   | Category 1, Class B               |
| <b>Vibration resistance</b>                       |                                   |
| • acc. to IEC 60068-2-6                           | 10 ... 500 Hz: 5g                 |
| • for railway applications acc. to DIN EN 61373   | Category 1, Class B               |
| <b>Operating frequency maximum</b>                | 1 800 1/h                         |
| <b>Mechanical service life (switching cycles)</b> |                                   |
| • typical                                         | 500 000                           |
| <b>Reference code acc. to DIN EN 81346-2</b>      | S                                 |
| <b>Reference code acc. to DIN EN 61346-2</b>      | S                                 |

| Ambient conditions                                        |                                                                     |
|-----------------------------------------------------------|---------------------------------------------------------------------|
| <b>Ambient temperature</b>                                |                                                                     |
| • during operation                                        | -25 ... +70 °C                                                      |
| • during storage                                          | -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                 |         |
|----------------------------------------------------|---------|
| <b>Height</b>                                      | 40 mm   |
| <b>Width</b>                                       | 40 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>                             | 27.5 mm |
| <b>Installation width</b>                          | 40 mm   |
| <b>Installation depth</b>                          | 24.4 mm |

| Certificates/ approvals |
|-------------------------|
|-------------------------|

| 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,...)

[www.siemens.com/ic10](http://www.siemens.com/ic10)

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-1BA40-0AA0>

##### Cax online generator

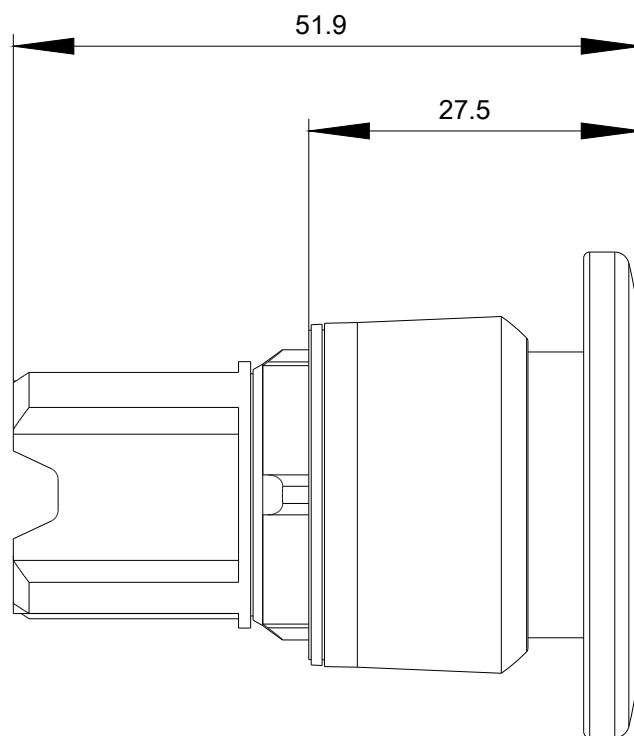
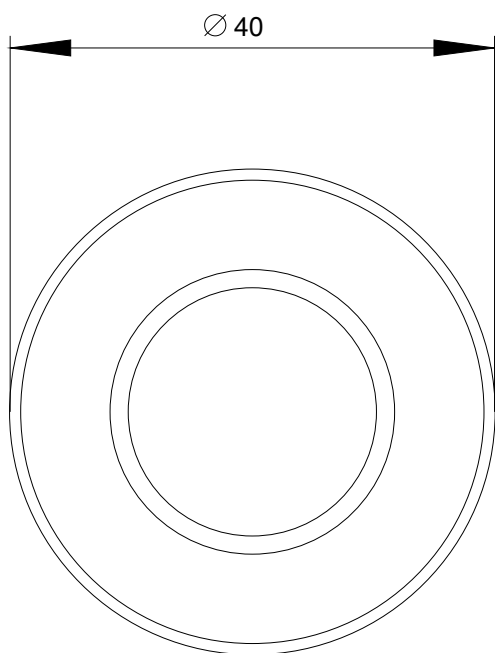
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1BA40-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1BA40-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1001-1BA40-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BA40-0AA0&lang=en)



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