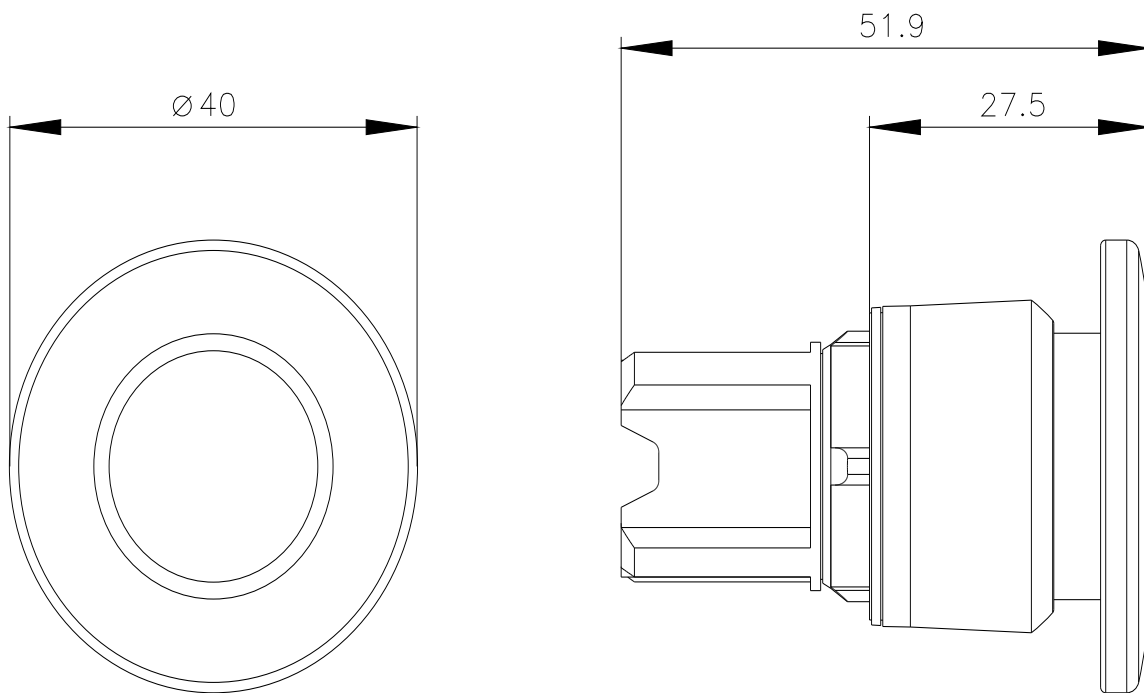




Illuminated mushroom pushbutton, 22 mm, round, plastic, yellow, 40 mm, latching, Pull-to-unlatch mechanism

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| 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 actuating element                    | illuminated                      |
| principle of operation of the actuating element    | latching                         |
| 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                            |
| 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                             |                                  |
| product function                                   |                                  |
| • EMERGENCY OFF function                           | No                               |
| • EMERGENCY STOP function                          | No                               |
| protection class IP                                | IP66, IP67, IP69(IP69K)          |
| degree of protection NEMA rating                   | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| shock resistance                                   |                                  |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15g / 11 ms |
| • for railway applications according to EN 61373   | Category 1, Class B              |
| vibration resistance                               |                                  |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                |
| • for railway applications according to EN 61373   | Category 1, Class B              |
| operating frequency maximum                        | 1 800 1/h                        |
| mechanical service life (operating cycles) typical | 500 000                          |
| reference code according to IEC 81346-2            | S                                |

|                                                                                                                                                                                                                                                                                                                  |  |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------|
| Substance Prohibittance (Date)                                                                                                                                                                                                                                                                                   |  | 10/01/2014                                                                                 |
| Weight                                                                                                                                                                                                                                                                                                           |  | 0.028 kg                                                                                   |
| Ambient conditions                                                                                                                                                                                                                                                                                               |  |                                                                                            |
| ambient temperature                                                                                                                                                                                                                                                                                              |  |                                                                                            |
| • during operation                                                                                                                                                                                                                                                                                               |  | -25 ... +70 °C                                                                             |
| • during storage                                                                                                                                                                                                                                                                                                 |  | -40 ... +80 °C                                                                             |
| environmental category during operation according to IEC 60721                                                                                                                                                                                                                                                   |  | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)                         |
| Environmental footprint                                                                                                                                                                                                                                                                                          |  |                                                                                            |
| Environmental Product Declaration(EPD)                                                                                                                                                                                                                                                                           |  | Yes                                                                                        |
| global warming potential [CO2 eq] total                                                                                                                                                                                                                                                                          |  | 0.787 kg                                                                                   |
| global warming potential [CO2 eq] during manufacturing                                                                                                                                                                                                                                                           |  | 0.566 kg                                                                                   |
| global warming potential [CO2 eq] during operation                                                                                                                                                                                                                                                               |  | 0.235 kg                                                                                   |
| global warming potential [CO2 eq] after end of life                                                                                                                                                                                                                                                              |  | -0.015 kg                                                                                  |
| Siemens Eco Profile (SEP)                                                                                                                                                                                                                                                                                        |  | Siemens EcoTech                                                                            |
| 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                                                                                    |
| Approvals Certificates                                                                                                                                                                                                                                                                                           |  |                                                                                            |
| General Product Approval                                                                                                                                                                                                                                                                                         |  | Test Certificates                                                                          |
| <br>EG-Konf.                                                                                                                                                                                                                  |  |          |
| <br>c UL us                                                                                                                                                                                                                   |  |         |
|                                                                                                                                                                                                                                                                                                                  |  | <a href="#">Type Test Certificates/Test Report</a>                                         |
|                                                                                                                                                                                                                                                                                                                  |  | <a href="#">Special Test Certificate</a>                                                   |
| Maritime application                                                                                                                                                                                                                                                                                             |  | other                                                                                      |
| <br>LRS                                                                                                                                                                                                                       |  | <br>PRS |
| <br>RINA                                                                                                                                                                                                                      |  |         |
|                                                                                                                                                                                                                                                                                                                  |  | <a href="#">Confirmation</a>                                                               |
|                                                                                                                                                                                                                                                                                                                  |  |       |
| Environment                                                                                                                                                                                                                                                                                                      |  |                                                                                            |
|                                                                                                                                                                                                                               |  |                                                                                            |
| <a href="#">Environmental Confirmations</a>                                                                                                                                                                                                                                                                      |  |                                                                                            |
| Further information                                                                                                                                                                                                                                                                                              |  |                                                                                            |
| Information on the packaging<br><a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>                                                                                                                                          |  |                                                                                            |
| Information for data generation and storage<br><a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a>                                                                                                                           |  |                                                                                            |
| Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                                                                                             |  |                                                                                            |
| Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-1BA30-0AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-1BA30-0AA0</a>                                                                                |  |                                                                                            |
| Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1001-1BA30-0AA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1001-1BA30-0AA0</a>                                                                      |  |                                                                                            |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1BA30-0AA0">https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1BA30-0AA0</a>                                                                                      |  |                                                                                            |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BA30-0AA0&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BA30-0AA0&amp;lang=en</a> |  |                                                                                            |



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4/2/2025 