



Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, red, 40 mm, 3 switch positions, latches after pushing in, unlatches by pull-to-unlatch mechanism to center position, after pulling out the button Retraction to center position, with laser labeling, upper case

|                                                    |                                              |
|----------------------------------------------------|----------------------------------------------|
| 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                          |
| <b>Enclosure</b>                                   |                                              |
| number of command points                           | 1                                            |
| <b>Actuator</b>                                    |                                              |
| 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                     | red                                          |
| material of the actuating element                  | plastic                                      |
| shape of the actuating element                     | round                                        |
| outer diameter of the actuating element            | 40 mm                                        |
| marking of the actuating element                   | Customized labeling, text in capital letters |
| type of unlocking device                           | pull-to-unlatch mechanism                    |
| number of switching positions                      | 3                                            |
| <b>Front ring</b>                                  |                                              |
| 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                                       |
| <b>General technical data</b>                      |                                              |
| 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             |
| vibration resistance                               |                                              |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                            |
| operating frequency maximum                        | 1 800 1/h                                    |
| mechanical service life (operating cycles) typical | 300 000                                      |
| reference code according to IEC 81346-2            | S                                            |
| Substance Prohibitance (Date)                      | 10/01/2014                                   |
| Net Weight                                         | 0.051 kg                                     |
| <b>Ambient conditions</b>                          |                                              |

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>ambient temperature</b>                                     |                                                                    |
| • 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%) |

| 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                             | 32 mm   |
| installation width                          | 40 mm   |
| installation depth                          | 24.6 mm |

| Approvals Certificates                                     |                          |
|------------------------------------------------------------|--------------------------|
| Environmental Product Declaration                          |                          |
| • global warming potential [CO2 eq] / during manufacturing | 0.625 kg                 |
| • global warming potential [CO2 eq] / during operation     | 0.235 kg                 |
| • global warming potential [CO2 eq] / after end of life    | -0.267 kg                |
| • global warming potential [CO2 eq] / total                | 0.593 kg                 |
| Environment                                                | General Product Approval |



[Environmental Conformations](#)



|                          |                                                    |                                          |
|--------------------------|----------------------------------------------------|------------------------------------------|
| General Product Approval | Test Certificates                                  | Maritime application                     |
|                          | <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Special Test Certificate</a> |
|                          |                                                    |                                          |
|                          |                                                    |                                          |

|                      |                              |
|----------------------|------------------------------|
| Maritime application | other                        |
|                      | <a href="#">Confirmation</a> |
|                      |                              |

| Further information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <p><b>Information on the packaging</b><br/> <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a></p> <p><b>Information for data generation and storage</b><br/> <a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a></p> <p><b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br/> <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a></p> <p><b>Industry Mall (Online ordering system)</b><br/> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1051-1EA20-0AA0-Z Y11">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1051-1EA20-0AA0-Z Y11</a></p> <p><b>Cax online generator</b><br/> <a href="https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1051-1EA20-0AA0-Z Y11">https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1051-1EA20-0AA0-Z Y11</a></p> <p><b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b><br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1EA20-0AA0-Z Y11">https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1EA20-0AA0-Z Y11</a></p> <p><b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b><br/> <a href="https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1EA20-0AA0-Z Y11&amp;lang=en">https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1EA20-0AA0-Z Y11&amp;lang=en</a></p> |

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