



Illuminated twin pushbutton, 22 mm, round, plastic with metal front ring, green, red, pushbuttons, flat, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

|                                                    |                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                                                                                      |
| product designation                                | Twin pushbuttons                                                                                                                |
| design of the product                              | Actuating/signaling element                                                                                                     |
| product type designation                           | 3SU1                                                                                                                            |
| product line                                       | Plastic with metal front ring, matt, 22 mm                                                                                      |
| <b>Enclosure</b>                                   |                                                                                                                                 |
| number of command points                           | 1                                                                                                                               |
| <b>Actuator</b>                                    |                                                                                                                                 |
| design of the actuating element                    | Flat buttons, illuminated                                                                                                       |
| principle of operation of the actuating element    | momentary contact type                                                                                                          |
| product extension optional                         |                                                                                                                                 |
| • light source                                     | Yes                                                                                                                             |
| • contact module                                   | Yes                                                                                                                             |
| color of the actuating element                     | green / red                                                                                                                     |
| material of the actuating element                  | plastic                                                                                                                         |
| shape of the actuating element                     | oval                                                                                                                            |
| marking of the actuating element                   | Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| <b>Front ring</b>                                  |                                                                                                                                 |
| product component front ring                       | Yes                                                                                                                             |
| design of the front ring                           | Standard                                                                                                                        |
| material of the front ring                         | Metal, matt                                                                                                                     |
| color of the front ring                            | sand gray                                                                                                                       |
| <b>General technical data</b>                      |                                                                                                                                 |
| 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                        | 3 600 1/h                                                                                                                       |
| mechanical service life (operating cycles) typical | 2 000 000                                                                                                                       |
| reference code according to IEC 81346-2            | S                                                                                                                               |
| Substance Prohibitance (Date)                      | 10/01/2014                                                                                                                      |
| <b>Ambient conditions</b>                          |                                                                                                                                 |
| 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%) |
|----------------------------------------------------------------|--------------------------------------------------------------------|

| Installation/ mounting/ dimensions          |         |
|---------------------------------------------|---------|
| height                                      | 57.9 mm |
| width                                       | 29.9 mm |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 14.4 mm |
| installation width                          | 29.9 mm |
| installation depth                          | 25.7 mm |
| Approvals Certificates                      |         |
| General Product Approval                    |         |



[Confirmation](#)



| Test Certificates                                                                              | Marine / Shipping                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Type Test Certificates/Test Report</a><br><a href="#">Special Test Certificate</a> | <br><br><br> |

| other                        | Environment                                 |
|------------------------------|---------------------------------------------|
| <a href="#">Confirmation</a> | <a href="#">Environmental Confirmations</a> |

| Further information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>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></p> <p>Information- and Downloadcenter (Catalogs, Brochures,...)<br/> <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a></p> <p>Industry Mall (Online ordering system)<br/> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1031-3AB42-0AA0-Z Y19">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1031-3AB42-0AA0-Z Y19</a></p> <p>Cax online generator<br/> <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1031-3AB42-0AA0-Z Y19">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1031-3AB42-0AA0-Z Y19</a></p> <p>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)<br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3AB42-0AA0-Z Y19">https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3AB42-0AA0-Z Y19</a></p> <p>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=3SU1031-3AB42-0AA0-Z Y19&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-3AB42-0AA0-Z Y19&amp;lang=en</a></p> |

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3/2/2024

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