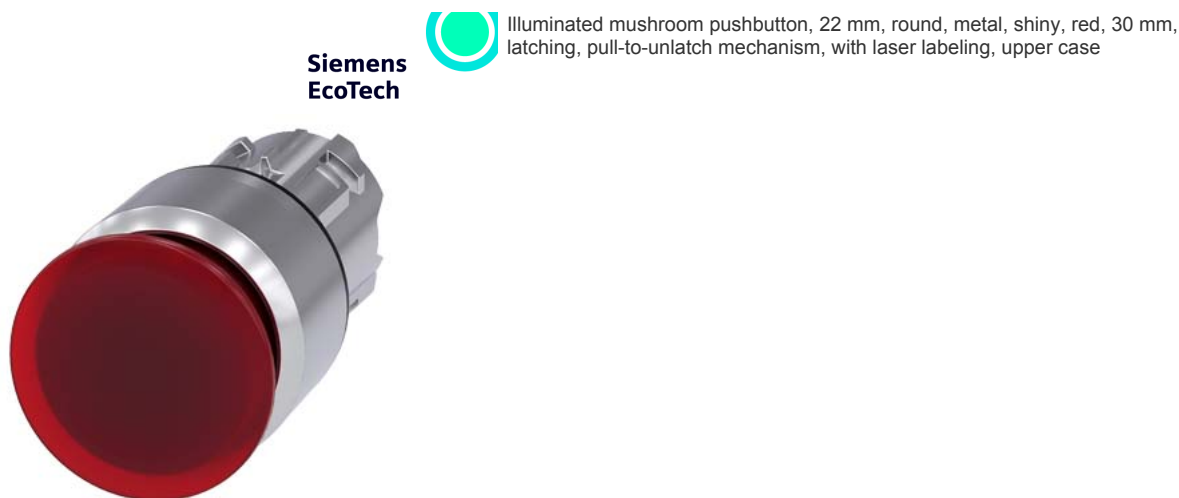




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Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, red, 30 mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case

|                                                    |                                              |
|----------------------------------------------------|----------------------------------------------|
| 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                          |
| 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                     | red                                          |
| material of the actuating element                  | plastic                                      |
| shape of the actuating element                     | round                                        |
| outer diameter of the actuating element            | 30 mm                                        |
| marking of the actuating element                   | Customized labeling, text in capital letters |
| 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                         | Metal, high gloss                            |
| color of the front ring                            | silver                                       |
| 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             |
| 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 | 500 000                                      |
| reference code according to IEC 81346-2            | S                                            |
| Substance Prohibitance (Date)                      | 10/01/2014                                   |

| Ambient conditions                                             |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <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%) |

| Environmental footprint                                |                 |
|--------------------------------------------------------|-----------------|
| Environmental Product Declaration(EPD)                 | Yes             |
| Global Warming Potential [CO2 eq] total                | 0.593 kg        |
| 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       |
| Siemens Eco Profile (SEP)                              | Siemens EcoTech |

| Installation/ mounting/ dimensions          |         |
|---------------------------------------------|---------|
| height                                      | 30 mm   |
| width                                       | 30 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                          | 30 mm   |
| installation depth                          | 24.4 mm |

| Approvals Certificates   |  |
|--------------------------|--|
| General Product Approval |  |



[Confirmation](#)



| Test Certificates | Marine / Shipping |
|-------------------|-------------------|
|-------------------|-------------------|

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



| other | Environment |
|-------|-------------|
|-------|-------------|

[Confirmation](#)



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[Environmental Confirmations](#)

| Further information |
|---------------------|
|---------------------|

#### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

#### 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=3SU1051-1AA20-0AA0-Z Y11>

#### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1AA20-0AA0-Z Y11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1AA20-0AA0-Z Y11>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1051-1AA20-0AA0-Z Y11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1AA20-0AA0-Z Y11&lang=en)

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2/7/2024

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