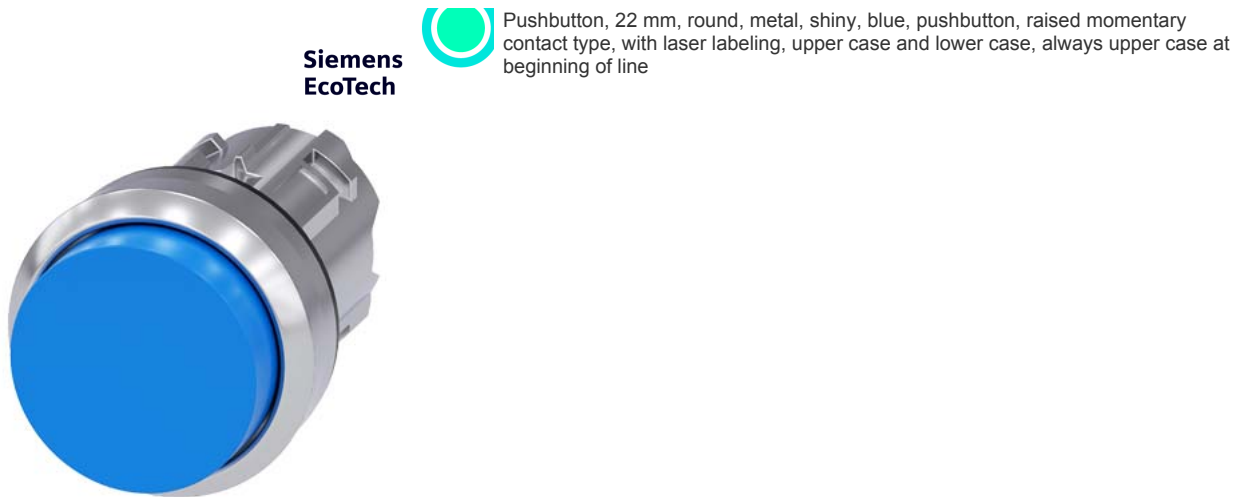




|                                                    |                                                                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                                                     |
| product designation                                | 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                    | Raised button                                                                                  |
| principle of operation of the actuating element    | momentary contact type                                                                         |
| product extension optional                         |                                                                                                |
| • light source                                     | No                                                                                             |
| • contact module                                   | Yes                                                                                            |
| color of the actuating element                     | blue                                                                                           |
| material of the actuating element                  | plastic                                                                                        |
| shape of the actuating element                     | round                                                                                          |
| outer diameter of the actuating element            | 29.5 mm                                                                                        |
| marking of the actuating element                   | Customized labeling, text in lower case / capital letters, all lines start with capital letter |
| 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                             |                                                                                                |
| 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                        | 3 600 1/h                                                                                      |
| mechanical service life (operating cycles) typical | 10 000 000                                                                                     |
| reference code according to IEC 81346-2            | S                                                                                              |
| Substance Prohibitance (Date)                      | 10/01/2014                                                                                     |
| Ambient conditions                                 |                                                                                                |
| ambient temperature                                |                                                                                                |

|                                                                                            |                                                                    |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | -25 ... +70 °C<br>-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                                      | 29.5 mm |
| width                                       | 29.5 mm |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 16.2 mm |
| installation width                          | 29.5 mm |
| installation depth                          | 24.3 mm |

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



[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

| Marine / Shipping | other | Environment |
|-------------------|-------|-------------|
|-------------------|-------|-------------|



[Confirmation](#)



| Environment |
|-------------|
|-------------|



| 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=3SU1050-0BB50-0AA0-Z Y10>  
Cax online generator  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-0BB50-0AA0-Z Y10>  
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-0BB50-0AA0-Z Y10>  
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-0BB50-0AA0-Z Y10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-0BB50-0AA0-Z Y10&lang=en)

last modified: 2/6/2024

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