

Siemens  
EcoTech



Illuminated twin pushbutton, 22 mm, round, plastic, white, black, pushbuttons, flat and raised, with laser labeling, upper case



|                                                    |                                              |
|----------------------------------------------------|----------------------------------------------|
| product brand name                                 | SIRIUS ACT                                   |
| product designation                                | Twin pushbuttons                             |
| design of the product                              | Actuating/signaling element                  |
| product type designation                           | 3SU1                                         |
| product line                                       | Plastic, black, 22 mm                        |
| <b>Enclosure</b>                                   |                                              |
| number of command points                           | 1                                            |
| <b>Actuator</b>                                    |                                              |
| design of the actuating element                    | Flat/raised 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                     | white / black                                |
| material of the actuating element                  | plastic                                      |
| shape of the actuating element                     | oval                                         |
| marking of the actuating element                   | Customized labeling, text in capital letters |
| <b>Front ring</b>                                  |                                              |
| product component front ring                       | Yes                                          |
| design of the front ring                           | Standard                                     |
| material of the front ring                         | plastic                                      |
| color of the front ring                            | black                                        |
| <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                                |                                              |

|                                                                                            |                                                                    |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <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                | 0.787 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                                      | 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                             | 18.7 mm |
| installation width                          | 29.9 mm |
| installation depth                          | 25.5 mm |

#### Approvals Certificates

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

| Marine / Shipping                                                                                                                                                                                                                                                                                                                               | other                        | Environment                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|
|     | <a href="#">Confirmation</a> |  |

| 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=3SU1001-3BB61-0AA0-Z Y11>  
Cax online generator  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-3BB61-0AA0-Z Y11>  
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-3BB61-0AA0-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=3SU1001-3BB61-0AA0-Z Y11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-3BB61-0AA0-Z Y11&lang=en)

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