



Illuminated mushroom pushbutton, 22 mm, round, plastic with metal front ring, white, 30 mm, momentary contact type, Z=50-unit packaging

|                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| product brand name                                 | SIRIUS ACT                                 |
| product designation                                | Mushroom pushbuttons                       |
| design of the product                              | Actuating/signaling element                |
| product type designation                           | 3SU1                                       |
| product line                                       | Plastic with metal front ring, matt, 22 mm |
| Enclosure                                          |                                            |
| number of command points                           | 1                                          |
| Actuator                                           |                                            |
| design of the actuating element                    | illuminated                                |
| principle of operation of the actuating element    | momentary contact type                     |
| product extension optional light source            | Yes                                        |
| color of the actuating element                     | white                                      |
| material of the actuating element                  | plastic                                    |
| shape of the actuating element                     | round                                      |
| outer diameter of the actuating element            | 30 mm                                      |
| number of switching positions                      | 2                                          |
| Front ring                                         |                                            |
| 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                                  |
| 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           |
| • 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 | 3 000 000                                  |
| reference code according to IEC 81346-2            | S                                          |
| Substance Prohibitance (Date)                      | 10/01/2014                                 |
| Ambient conditions                                 |                                            |
| 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%) |
| <b>Installation/ mounting/ dimensions</b>                      |                                                                    |
| 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                                                            |
| <b>Approvals Certificates</b>                                  |                                                                    |
| General Product Approval                                       | Test Certificates                                                  |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

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

#### 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=3SU1031-1AD60-0AA0-Z X90>

Cax online generator

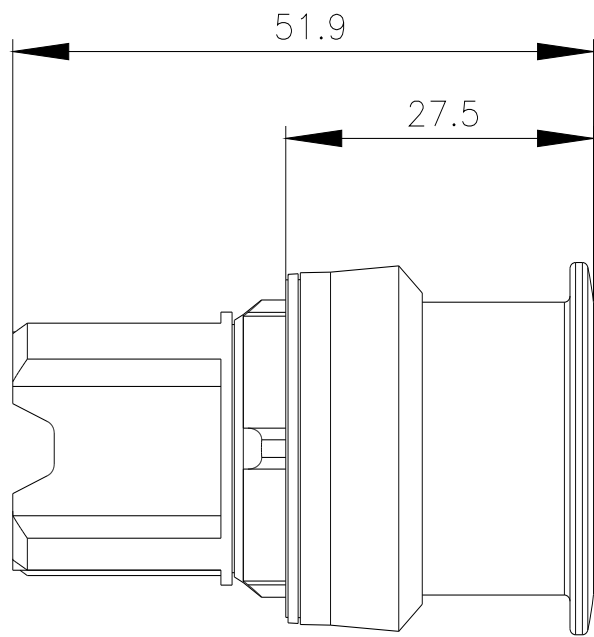
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-1AD60-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-1AD60-0AA0-Z X90>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1031-1AD60-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-1AD60-0AA0-Z X90&lang=en)



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