



Illuminated pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, latching, Push-to-release mechanism, Z=100-unit packaging

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| product brand name                                  | SIRIUS ACT                                                          |
| product designation                                 | Illuminated pushbuttons                                             |
| design of the product                               | Actuating/signaling element                                         |
| product type designation                            | 3SU1                                                                |
| product line                                        | Metal, shiny, 22 mm                                                 |
| <b>Enclosure</b>                                    |                                                                     |
| number of command points                            | 1                                                                   |
| <b>Actuator</b>                                     |                                                                     |
| design of the actuating element                     | Flat button                                                         |
| principle of operation of the actuating element     | latching                                                            |
| product extension optional                          |                                                                     |
| • light source                                      | Yes                                                                 |
| • contact module                                    | 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             | 29.5 mm                                                             |
| type of unlocking device                            | push-to-unlatch mechanism                                           |
| <b>Front ring</b>                                   |                                                                     |
| 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                                                              |
| <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                                    |                                                                     |
| • acc. to IEC 60068-2-27                            | Sinusoidal half-wave 50g / 11 ms                                    |
| vibration resistance                                |                                                                     |
| • acc. to IEC 60068-2-6                             | 10 ... 500 Hz: 5g                                                   |
| operating frequency maximum                         | 1 800 1/h                                                           |
| mechanical service life (switching cycles) typical  | 500 000                                                             |
| reference code acc. to IEC 81346-2                  | S                                                                   |
| <b>Ambient conditions</b>                           |                                                                     |
| • ambient temperature during operation              | -25 ... +70 °C                                                      |
| • ambient temperature during storage                | -40 ... +80 °C                                                      |
| environmental category during operation acc. to IEC | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |

|                                             |         |
|---------------------------------------------|---------|
| 60721                                       |         |
| <b>Installation/ mounting/ dimensions</b>   |         |
| 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                             | 11 mm   |
| installation width                          | 29.5 mm |
| installation depth                          | 24.3 mm |
| <b>Certificates/ approvals</b>              |         |
| <b>Further information</b>                  |         |

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=3SU1051-0AA20-0AA0-Z X90>

Cax online generator

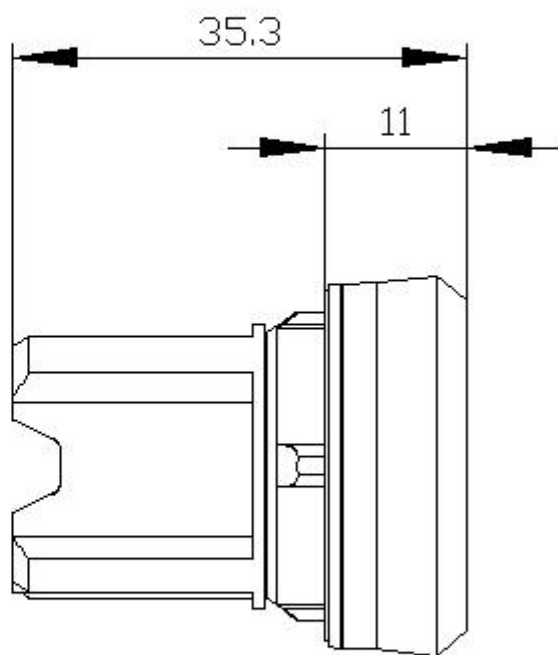
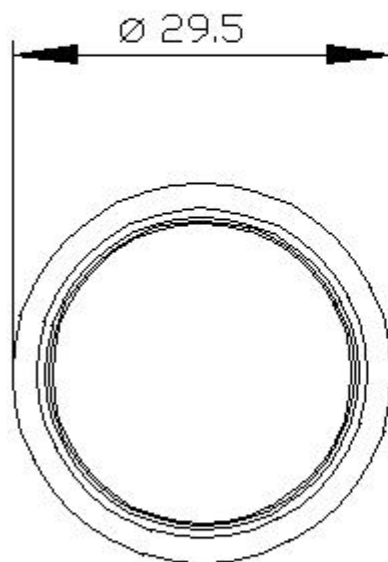
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0AA20-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0AA20-0AA0-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=3SU1051-0AA20-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-0AA20-0AA0-Z X90&lang=en)



last modified:

12/21/2020 