



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

|  |  |
|--|--|
| 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  |
| <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   | No   |
| • contact module   | Yes  |
| color of the actuating element                                 | black  |
| 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   |  |
| • 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   |
| <b>Ambient conditions</b>                                      |  |
| 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%) |

| 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                             | 11 mm   |
| installation width                          | 29.5 mm |
| installation depth                          | 24.3 mm |
| 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=3SU1050-0AA10-0AA0-Z X90>

**Cax online generator**

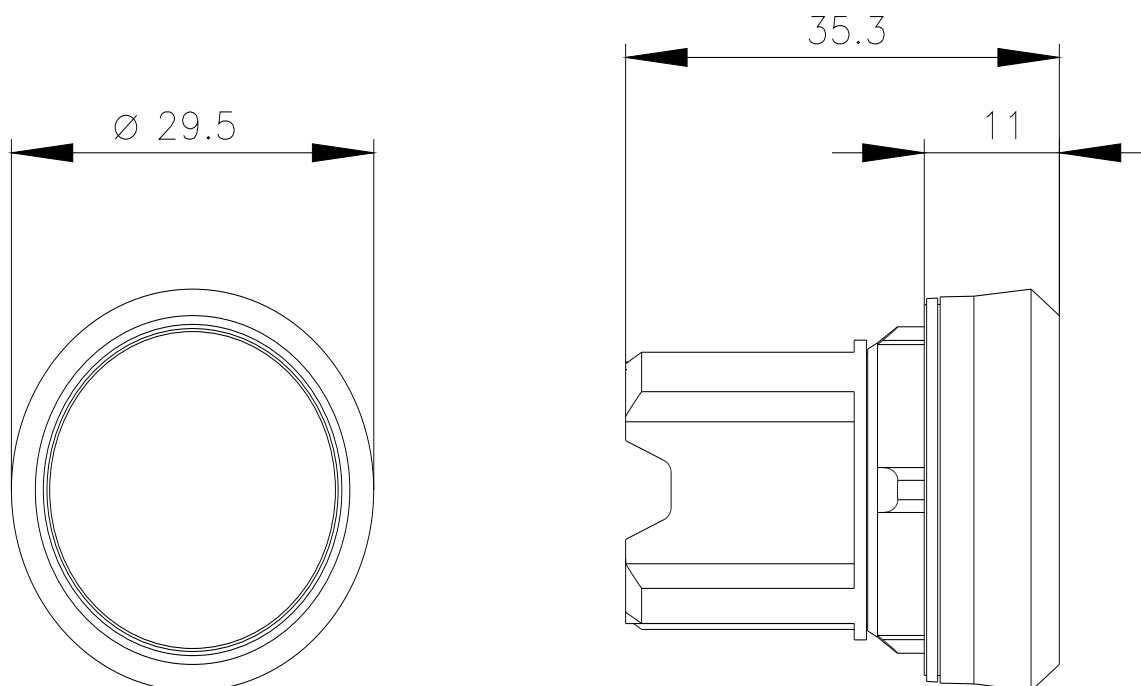
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-0AA10-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-0AA10-0AA0-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=3SU1050-0AA10-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-0AA10-0AA0-Z X90&lang=en)



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