



Mushroom pushbutton, 22 mm, round, metal, shiny, black, 40 mm, momentary contact type, Z=50-unit packaging

|   |  |
|---|--|
| <b>product brand name</b>                                       | SIRIUS ACT   |
| <b>product designation</b>                                      | Mushroom pushbuttons   |
| <b>design of the product</b>                                    | Actuating/signaling element  |
| <b>product type designation</b>                                 | 3SU1   |
| <b>product line</b>   | Metal, shiny, 22 mm  |
| <b>Enclosure</b>  |  |
| <b>number of command points</b>                                 | 1  |
| <b>Actuator</b>   |  |
| <b>principle of operation of the actuating element</b>          | momentary contact type   |
| <b>product extension optional light source</b>                  | No   |
| <b>color of the actuating element</b>                           | black  |
| <b>material of the actuating element</b>                        | plastic  |
| <b>shape of the actuating element</b>                           | round  |
| <b>outer diameter of the actuating element</b>                  | 40 mm  |
| <b>number of switching positions</b>                            | 2  |
| <b>Front ring</b>   |  |
| <b>product component front ring</b>                             | Yes  |
| <b>design of the front ring</b>                                 | Standard   |
| <b>material of the front ring</b>                               | Metal, high gloss  |
| <b>color of the front ring</b>                                  | silver   |
| <b>General technical data</b>                                   |  |
| <b>product function</b>   |  |
| • EMERGENCY OFF function  | No   |
| • EMERGENCY STOP function                                       | No   |
| <b>protection class IP</b>                                      | IP66, IP67, IP69(IP69K)  |
| <b>degree of protection NEMA rating</b>                         | 1, 2, 3, 3R, 4, 4X, 12, 13   |
| <b>shock resistance</b>   |  |
| • according to IEC 60068-2-27                                   | sinusoidal half-wave 15g / 11 ms                                   |
| <b>vibration resistance</b>                                     |  |
| • according to IEC 60068-2-6                                    | 10 ... 500 Hz: 5g  |
| <b>operating frequency maximum</b>                              | 3 600 1/h  |
| <b>mechanical service life (switching cycles) typical</b>       | 10 000 000   |
| <b>reference code according to IEC 81346-2</b>                  | S  |
| <b>Substance Prohibitance (Date)</b>                            | 10/01/2014   |
| <b>Ambient conditions</b>                                       |  |
| <b>ambient temperature</b>                                      |  |
| • during operation  | -25 ... +70 °C   |
| • during storage  | -40 ... +80 °C   |
| <b>environmental category during operation according to IEC</b> | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |

|   |         |
|---|---------|
| 60721                                       |         |
| <b>Installation/ mounting/ dimensions</b>   |         |
| height                                      | 40 mm   |
| width                                       | 40 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                          | 40 mm   |
| installation depth                          | 24.4 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=3SU1050-1BD10-0AA0-Z X90>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1BD10-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1BD10-0AA0-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=3SU1050-1BD10-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1BD10-0AA0-Z X90&lang=en)

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