



Mushroom pushbutton, 22 mm, round, metal, shiny, green, 40 mm, momentary contact type, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

|                                                    |                                                                     |
|----------------------------------------------------|---------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                          |
| product designation                                | Mushroom 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>                                    |                                                                     |
| principle of operation of the actuating element    | momentary contact type                                              |
| product extension optional light source            | No                                                                  |
| color of the actuating element                     | green                                                               |
| material of the actuating element                  | plastic                                                             |
| shape of the actuating element                     | round                                                               |
| outer diameter of the actuating element            | 40 mm                                                               |
| marking of the actuating element                   | Customized labeling, graphical symbols acc. to ISO7000 and IEC60417 |
| number of switching positions                      | 2                                                                   |
| <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>                      |                                                                     |
| 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                                    |
| vibration resistance                               |                                                                     |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                                                   |
| operating frequency maximum                        | 3 600 1/h                                                           |
| mechanical service life (switching cycles) typical | 10 000 000                                                          |
| 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%) |
| <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=3SU1050-1BD40-0AA0-Z Y13>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1BD40-0AA0-Z Y13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1BD40-0AA0-Z Y13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-1BD40-0AA0-Z Y13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1BD40-0AA0-Z Y13&lang=en)

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