SIEMENS

## Data sheet 3SU1050-1EA10-0AA0-Z Y10



Mushroom pushbutton, 22 mm, round, metal, shiny, black, 40 mm, 3 switch positions, latches after pushing in, unlatches by pull-to-unlatch mechanism to center position, after pulling out the button Retraction to center position, with laser labeling, upper case and lower case, always upper case at beginning of line

| | |
|---|---|
| **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 |
| **Enclosure** | |
| **number of command points** | 1 |
| **Actuator** | |
| **principle of operation of the actuating element** | latching |
| product extension optional light source | No |
| color of the actuating element | black |
| **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, text in lower case / capital letters, all lines start with capital letter |
| **type of unlocking device** | pull-to-unlatch mechanism |
| **number of switching positions** | 3 |
| **Front ring** | |
| **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 |
| **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** | |
| ● 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 | 300 000 |
| **reference code acc. to IEC 81346-2** | S |
| **Ambient conditions** | |


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|---|---|
| ● ambient temperature during operation | -25 ... +70 °C |
| ● ambient temperature during storage | -40 ... +80 °C |
| environmental category during operation acc. to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |
| **Installation/ mounting/ dimensions** | |
| **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** | 32 mm |
| **installation width** | 40 mm |
| **installation depth** | 24.6 mm |
| **Certificates/ approvals** | |
| **Further information** | |

**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=3SU1050-1EA10-0AA0-Z Y10
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1EA10-0AA0-Z Y10
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1EA10-0AA0-Z Y10
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1EA10-0AA0-Z Y10&lang=en

**last modified:** 8/31/2020


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