# SIEMENS

**Data sheet**          **3SU1050-0AB40-0AA0**
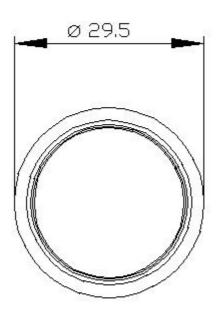
Pushbutton, 22 mm, round, metal, shiny, green, pushbutton, flat momentary contact type
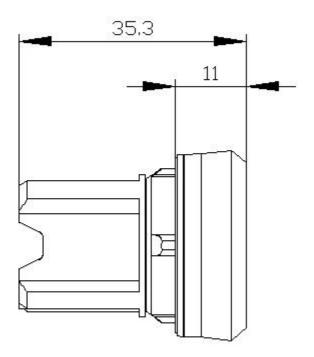
| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Pushbuttons |
| **design of the product** | Actuating/signaling element |
| **product type designation** | 3SU1 |
| **product line** | Metal, shiny, 22 mm |
| **Enclosure** | |
| **number of command points** | 1 |
| **Actuator** | |
| **design of the actuating element** | Flat button |
| **principle of operation of the actuating element** | momentary contact type |
| **product extension optional** | |
| ● light source | No |
| ● contact module | Yes |
| color of the actuating element | green |
| **material of the actuating element** | plastic |
| **shape of the actuating element** | round |
| **outer diameter of the actuating element** | 29.5 mm |
| **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** | |
| **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** | 3 600 1/h |
| mechanical service life (operating cycles) typical | 10 000 000 |
| **reference code acc. to IEC 81346-2** | S |
| Substance Prohibitance (Date) | 01.10.2014 00:00:00 |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +70 °C |
| ● 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** | 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 |

## Certificates/ approvals

| General Product Approval | | | Declaration of Conformity | Test Certificates |
|---|---|---|---|---|
| CSA | UL | EAC | CE EG-Konf. | |

| Test Certificates | Marine / Shipping | | | | |
|---|---|---|---|---|---|
| | ABS | LRS | PRS | RINA | RMRS |

| other |
|---|
| |

## Further information

Ø 29.5

35.3

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**last modified:**                                        12/21/2020