SIEMENS

## Data sheet 3SU1050-1CD20-0AA0

Mushroom pushbutton, 22 mm, round, metal, shiny, red, 60 mm, momentary contact type

| | |
|---|---|
| **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 | |
|---|---|
| **manner of function of the actuating element** | momentary contact type |
| **product extension optional light source** | No |
| • color of the actuating element | red |
| **material of the actuating element** | plastic |
| **shape of the actuating element** | round |
| **Outer diameter of the actuating element** | 60 mm |
| **Number of switching positions** | 2 |

| Front ring | |
|---|---|
| **Product component front ring** | Yes |
| **Design of the front ring** | Standard |


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| | |
|---|---|
| **material of the front ring** | Metal, high gloss |
| **color of the front ring** | silver |

| General technical data | |
|---|---|
| • product function EMERGENCY OFF function | No |
| • Product function 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** | 3 600 1/h |
| • mechanical service life (switching cycles) typical | 10 000 000 |
| **reference code acc. to DIN EN 81346-2** | S |

| Ambient conditions | |
|---|---|
| Environmental category during operation acc. to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |

| Installation/ mounting/ dimensions | |
|---|---|
| **height** | 60 mm |
| **width** | 60 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** | 60 mm |
| **installation depth** | 24.4 mm |

| Certificates/ approvals |
|---|


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| General Product Approval | | | Declaration of Conformity | | Test Certificates |
|---|---|---|---|---|---|
| CSA | UL | EAC | EG-Konf. | Miscellaneous | Type Test Certificates/Test Report |

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

| other |
|---|
| Confirmation |

## 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=3SU1050-1CD20-0AA0

**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1CD20-0AA0

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1CD20-0AA0

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1CD20-0AA0&lang=en


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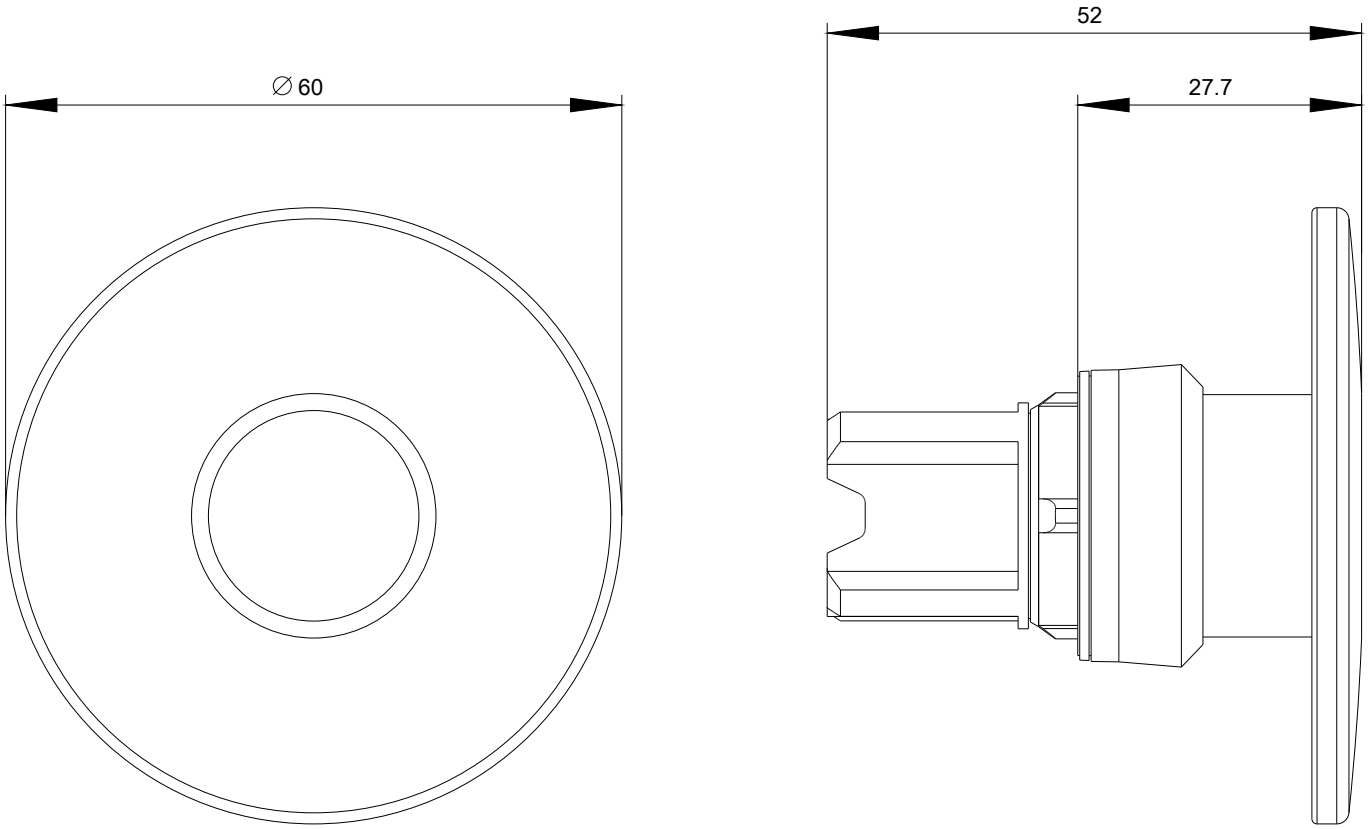


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