SIEMENS

## Data sheet 3SU1000-3AB66-0AL0

Twin pushbutton, 22 mm, round, plastic, white: -, white: +, pushbuttons, flat

Siemens EcoTech



| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Twin pushbuttons |
| **design of the product** | Actuating/signaling element |
| **product type designation** | 3SU1 |
| **product line** | Plastic, black, 22 mm |
| **Enclosure** | |
| **number of command points** | 1 |
| **Actuator** | |
| **design of the actuating element** | Flat buttons |
| **principle of operation of the actuating element** | momentary contact type |
| **product extension optional** | |
| ● light source | No |
| ● contact module | Yes |
| color of the actuating element | white / white |
| **material of the actuating element** | plastic |
| **shape of the actuating element** | oval |
| **marking of the actuating element** | "-"/"+" |
| **Front ring** | |
| **product component front ring** | Yes |
| **design of the front ring** | Standard |
| **material of the front ring** | plastic |
| **color of the front ring** | black |
| **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** | |
| ● **according to IEC 60068-2-27** | sinusoidal half-wave 15g / 11 ms |
| ● for railway applications according to EN 61373 | Category 1, Class B |
| **vibration resistance** | |
| ● **according to IEC 60068-2-6** | 10 ... 500 Hz: 5g |
| ● for railway applications according to EN 61373 | Category 1, Class B |
| **operating frequency maximum** | 3 600 1/h |
| **mechanical service life (operating cycles) typical** | 2 000 000 |
| **reference code according to IEC 81346-2** | S |
| **Substance Prohibitance (Date)** | 10/01/2014 |
| **Weight** | 25 g |


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| Ambient conditions | |
|---|---|
| **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%) |

| Environmental footprint | |
|---|---|
| Environmental Product Declaration(EPD) | Yes |
| global warming potential [CO2 eq] total | 0.787 kg |
| global warming potential [CO2 eq] during manufacturing | 0.566 kg |
| global warming potential [CO2 eq] during operation | 0.235 kg |
| global warming potential [CO2 eq] after end of life | -0.015 kg |
| Siemens Eco Profile (SEP) | Siemens EcoTech |

| Installation/ mounting/ dimensions | |
|---|---|
| **height** | 57.7 mm |
| **width** | 29.8 mm |
| **shape of the installation opening** | round |
| **mounting diameter** | 22.3 mm |
| **positive tolerance of installation diameter** | 0.4 mm |
| **mounting height** | 14.4 mm |
| **installation width** | 29.9 mm |
| **installation depth** | 25.7 mm |

## Approvals Certificates

| General Product Approval | Test Certificates | Maritime application |
|---|---|---|
| CE EG-Konf. UKCA cULus EAC | Type Test Certificates/Test Report | BUREAU VERITAS |

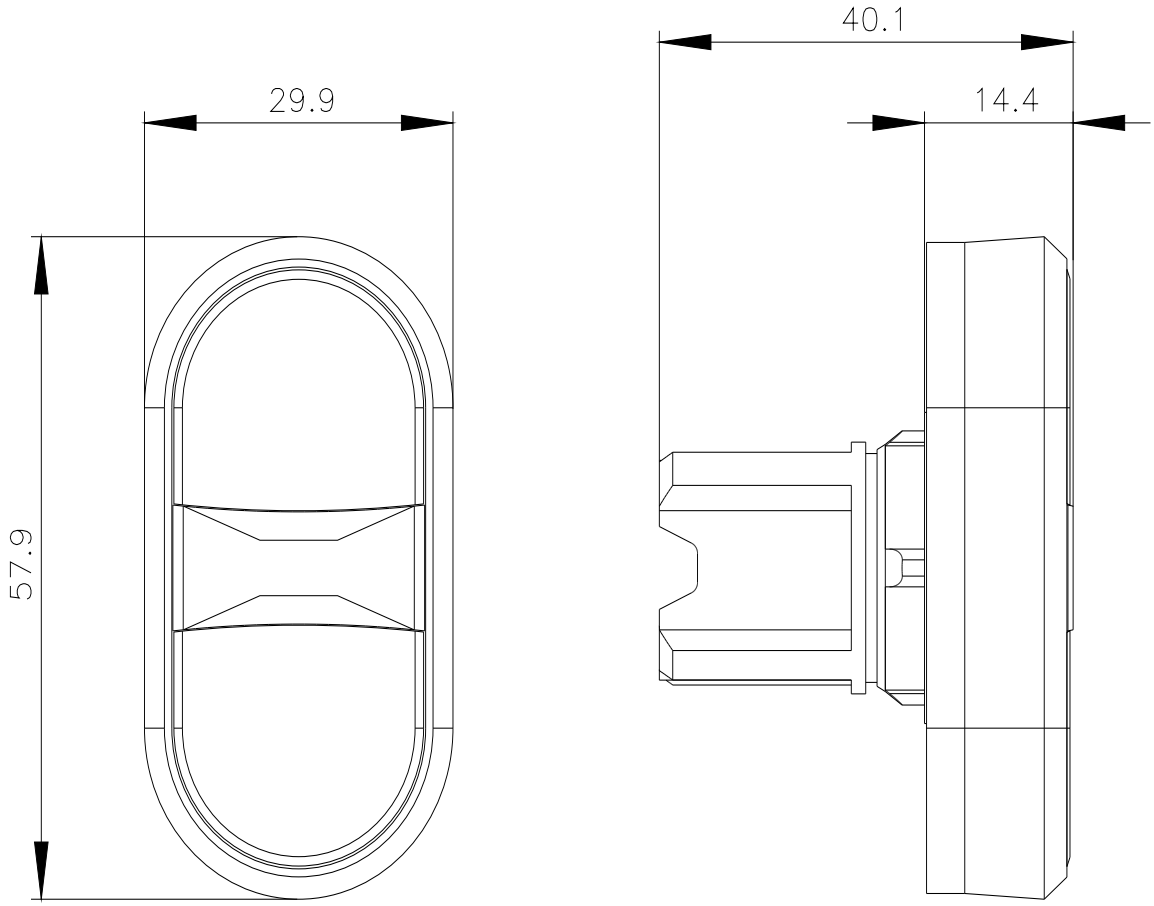
| Maritime application | other | Environment |
|---|---|---|
| Lloyd's Register LRS, PRS, RINA | 产品合格 QC PASS | Confirmation, EPD |

| Environment |
|---|
| Siemens EcoTech — Environmental Confirmations |

## Further information

**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**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=3SU1000-3AB66-0AL0
**Cax online generator**
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-3AB66-0AL0
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-3AB66-0AL0
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-3AB66-0AL0&lang=en


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