

Siemens
EcoTech



Mushroom pushbutton, 22 mm, round, plastic, black, 60 mm, latching, pull-to-unlatch mechanism, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



| | |
|--|---|
| product brand name | SIRIUS ACT |
| product designation | Mushroom 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 | |
| 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 | 60 mm |
| marking of the actuating element | Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| type of unlocking device | pull-to-unlatch mechanism |
| number of switching positions | 2 |
| 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 | |
| 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 |
| • 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 | 1 800 1/h |
| mechanical service life (operating cycles) typical | 500 000 |

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| reference code according to IEC 81346-2 | S |
| Substance Prohibittance (Date) | 10/01/2014 |
| 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%) |

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| 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 |

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| 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 |

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| Approvals Certificates | |
| General Product Approval | Test Certificates |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

| | | |
|-------------------|-------|-------------|
| Marine / Shipping | other | Environment |
| | | |
| | | |

[Confirmation](#)



| | |
|--------------------|--|
| Environment | |
| Siemens EcoTech | |

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| Further information | |
| Information on the packaging | |
| https://support.industry.siemens.com/cs/ww/en/view/109813875 | |
| 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=3SU1000-1CA10-0AA0-Z Y19 | |
| Cax online generator | |
| http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1CA10-0AA0-Z Y19 | |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...) | |
| https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1CA10-0AA0-Z Y19 | |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) | |
| http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1CA10-0AA0-Z Y19&lang=en | |

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2/7/2024

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