SIEMENS

Data sheet



Illuminated mushroom pushbutton, 22 mm, round, plastic, green, 40mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case

| product brand name product tegination Mushroom pushbuttons design of the product product type designation Plastic, black, 22 mm Enclosure number of command points Actuating signaling element principle of operation of the actuating element product extension optional light source color of the actuating element green material of the actuating element plastic shape of the actuating element query diameter of the actuating element pull-to-unlated mechanism product component front ring product component front ring product component front ring gesing of the front ring product component front ring product function element front ring plastic color of the front ring product function element front front plastic color of the front ring elesion of the front ring plastic color of the front ring element product function elemence from the front ring element plastic color of the front ring plastic color of the front ring plastic color of the front ring element plastic color of the front ring product function elemence front front plastic color of the front ring plastic planting planting planting product front planting planting product front planti | | |
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| design of the product product type designation product time Plastic, black, 22 mm Plastic, | product brand name | SIRIUS ACT |
| product type designation product line Plastic, black, 22 mm Plastic, black, 22 mm number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element couter diameter of the a | | |
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| Enclosure number of command points 1 Actuator design of the actuating element Illuminated principle of operation of the actuating element Islathing product extension optional light source 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 40 mm marking of the actuating element Customized labeling, text in capital letters 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 plastic color of the front ring plastic | product type designation | 3SU1 |
| number of command points 1 Actuator design of the actuating element Illuminated principle of operation of the actuating element Illuminated product extension optional light source Yes color of the actuating element green material of the actuating element plastic shape of the actuating element Tound outer diameter of the actuating element Customized labeling, text in capital letters type of unlocking device pull-o-unlatch mechanism number of switching positions 2 Front ring product component front ring Yes design of the front ring plastic color of the Front ring Product function | • | Plastic, black, 22 mm |
| design of the actuating element product extension optional light source Yes color of the actuating element green material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element 40 mm customized labeling, text in capital letters type of unlocking device pull-to-unlatch mechanism positions 2 pull-to-unlatch mechanism product component front ring product component front ring plastic color of the front ring plastic | Enclosure | |
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| principle of operation of the actuating element product extension optional light source Color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element Tound Outer diameter of the actuating element Outer diameter Outer diameter Outer diameter Outer diameter Outer diameter | Actuator | |
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| color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element A0 mm marking of the actuating element Customized labeling, text in capital letters 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 plastic color of the front ring and the front ring plastic color of the front ring color of the front ring plastic color of the front ring and the front ring plastic color of the front ring and the front ring plastic color of the front ring and the front ring plastic color of the front ring and the front ring plastic color of the front ring plast | principle of operation of the actuating element | latching |
| material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in capital letters type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring standard material of the front ring color of the front ring black General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function No protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) | product extension optional light source | Yes |
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| outer diameter of the actuating element marking of the actuating element type of unlocking device number of switching positions 2 Pront ring product component front ring design of the front ring material of the front ring material of the front ring black General technical data product function EMERGENCY OFF function EMERGENCY STOP function No protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Sulbstance Prohibitance (Date) | material of the actuating element | plastic |
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| type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring color of the front ring product function EMERGENCY OFF function EMERGENCY STOP function Oprotection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) | outer diameter of the actuating element | 40 mm |
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| product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 | number of switching positions | 2 |
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| 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 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 | design of the front ring | Standard |
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| product function • EMERGENCY OFF 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 • 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 • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) | color of the front ring | black |
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| 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 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 1, 2, 3, 3R, 4, 4X, 12, 13 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B 10 500 Hz: 5g 50 0000 Sales B 10 500 O00 1 800 1/h | EMERGENCY STOP function | No |
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| for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Category 1, Class B 500 Hz: 5g 500 000 Category 1, Class B 10 500 Hz: 5g | shock resistance | |
| vibration resistance | according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms |
| according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 | for railway applications according to EN 61373 | Category 1, Class B |
| | vibration resistance | |
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| mechanical service life (operating cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 | for railway applications according to EN 61373 | Category 1, Class B |
| reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 | operating frequency maximum | 1 800 1/h |
| Substance Prohibitance (Date) 10/01/2014 | mechanical service life (operating cycles) typical | 500 000 |
| | reference code according to IEC 81346-2 | S |
| Ambient conditions | Substance Prohibitance (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%) |
| 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 | 27.5 mm |
| installation width | 40 mm |
| installation depth | 24.4 mm |
| Certificates/ approvals | |
| | |

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1001-1BA40-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1BA40-0AA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1BA40-0AA0-Z Y11

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BA40-0AA0-Z Y11&lang=en

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| last modified: | 1/2//2022 (5) |

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