



Mushroom pushbutton, 22 mm, round, plastic, blue, 40 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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| 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 | |
| design of the actuating element | positive latching |
| principle of operation of the actuating element | latching |
| product extension optional light source | No |
| color of the actuating element | blue |
| 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 lower case / capital letters, all words start with capital letters |
| type of unlocking device | rotate-to-unlatch mechanism |
| number of switching positions | 2 |
| Front ring | |
| product component front ring | No |
| design of the front ring | without |
| 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 | 600 1/h |
| mechanical service life (switching cycles) typical | 300 000 |
| reference code according to IEC 81346-2 | S |
| Substance Prohibitance (Date) | 10/01/2014 |
| Safety related data | |

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| B10 value with high demand rate according to SN 31920 | 100 000 |
| proportion of dangerous failures | |
| • with low demand rate according to SN 31920 | 20 % |
| • with high demand rate according to SN 31920 | 20 % |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT |

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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%) |

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| 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 | 45.3 mm |
| installation width | 40 mm |
| installation depth | 26.3 mm |

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| Certificates/ approvals | |
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| Further information | |
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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=3SU1000-1HB50-0AA0-Z Y15>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1HB50-0AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HB50-0AA0-Z Y15>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HB50-0AA0-Z Y15&lang=en

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1/27/2022 