SIEMENS

Data sheet

3SU1002-2BM10-0AA0-Z X90



Illuminable selector switch, 22 mm, round, plastic, black, Selector switch short, 3 switch positions I>O<II, momentary contact type, actuating angle $2x45^{\circ}$, 10:30 /12 /13:30, Z=50-unit packaging

| product brand name SIRUS ACT product designation Selector switches design of the product Actuating signaling element product type designation 3SU1 product type designation 3SU1 product time Plastic, black, 22 mm Enclosure | | | |
|--|--|---|--|
| design of the product Actuating/signaling element product type designation 3SU1 Product line Plastic, black, 22 mm Enclosure 1 Actuator design of the actuating element principle of operation of the actuating element momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides product extension optional ves • contact module Yes • contact module Yes • contact module Yes ocor of the actuating element plastic handle 3 actuating alement plastic handle 3 actuating angle 45° • clockwise 45° • andicid of the front ring Yes product component front ring yes design of the front ring plastic product component front ring plastic product component front ring plastic black general tachnical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R | product brand name | SIRIUS ACT | |
| product type designation 3SU1 product line Plastic, black, 22 mm Enclosure I Actuator Selector, short design of the actuating element momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides principle of operation of the actuating element momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides outcr diameter of the actuating element Plastic ight source Yes color of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element 3 number of switching positions 3 actuating angle 45° e clockwise 45° front ring Yes general to the front ring plastic product component front ring plastic plack 45° e clockwise 45° e clockwise 45° product component front ring plastic black general tochical data protection class IP IP66, IP67, IP69(IP69K) | product designation | Selector switches | |
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| • according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000reference code according to IEC 81346-2S | for railway applications according to EN 61373 | Category 1, Class B | |
| • for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000reference code according to IEC 81346-2S | vibration resistance | | |
| operating frequency maximum1 800 1/hmechanical service life (switching cycles) typical1 000 000reference code according to IEC 81346-2S | according to IEC 60068-2-6 | 10 500 Hz: 5g | |
| mechanical service life (switching cycles) typical 1 000 000 reference code according to IEC 81346-2 S | for railway applications according to EN 61373 | Category 1, Class B | |
| reference code according to IEC 81346-2 S | operating frequency maximum | 1 800 1/h | |
| | mechanical service life (switching cycles) typical | 1 000 000 | |
| Substance Prohibitance (Date) 03/01/2017 | reference code according to IEC 81346-2 | S | |
| | Substance Prohibitance (Date) | 03/01/2017 | |

| Safety related data | |
|---|--|
| B10 value with high demand rate according to SN 31920 | 300 000 |
| 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 |
| 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 | 32.3 mm |
| width | 32.3 mm |
| shape of the installation opening | round |
| mounting diameter | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 28.8 mm |
| installation width | 32.3 mm |
| installation depth | 25.4 mm |
| Certificates/ approvals | |
| Further information | |
| Information- and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10 Industry Mall (Online ordering system) |) |

Industry Mall (Online ordering system)

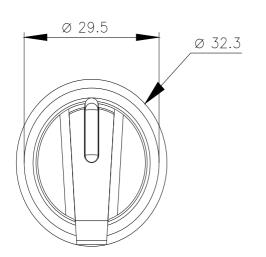
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1002-2BM10-0AA0-Z X90

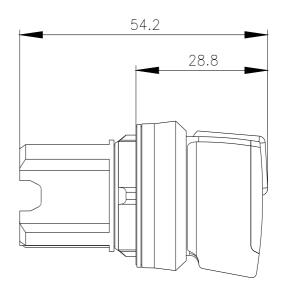
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BM10-0AA0-Z X90

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BM10-0AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BM10-0AA0-Z X90&lang=en





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