



selector switch, illuminable, 30 mm, round, metal, matt, green, knob, long, front ring for flush installation, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h

|                                                    |                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                            |
| product designation                                | Selector switches                                                     |
| design of the product                              | Actuating/signaling element                                           |
| product type designation                           | 3SU1                                                                  |
| product line                                       | Metal, matt, flat, 30 mm                                              |
| <b>Enclosure</b>                                   |                                                                       |
| number of command points                           | 1                                                                     |
| <b>Actuator</b>                                    |                                                                       |
| design of the actuating element                    | selector, long                                                        |
| 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                         |                                                                       |
| • light source                                     | Yes                                                                   |
| • contact module                                   | Yes                                                                   |
| color of the actuating element                     | green                                                                 |
| material of the actuating element                  | plastic                                                               |
| shape of the actuating element                     | Handle                                                                |
| outer diameter of the actuating element            | 44.8 mm                                                               |
| number of switching positions                      | 3                                                                     |
| actuating angle                                    |                                                                       |
| • clockwise                                        | 45°                                                                   |
| • anticlockwise                                    | 45°                                                                   |
| <b>Front ring</b>                                  |                                                                       |
| product component front ring                       | Yes                                                                   |
| design of the front ring                           | Flat                                                                  |
| material of the front ring                         | Metal, matt                                                           |
| color of the front ring                            | sand gray                                                             |
| <b>General technical data</b>                      |                                                                       |
| 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 | 300 000                                                               |
| reference code according to IEC 81346-2            | S                                                                     |
| Substance Prohibitance (Date)                      | 10/01/2014                                                            |

|                                                                                     |         |
|-------------------------------------------------------------------------------------|---------|
| <b>Weight</b>                                                                       | 73 g    |
| <b>Safety related data</b>                                                          |         |
| <b>proportion of dangerous failures</b>                                             |         |
| • with low demand rate according to SN 31920                                        | 20 %    |
| • with high demand rate per NC contact according to SN 31920                        | 20 %    |
| • with high demand rate per NO contact according to SN 31920                        | 50 %    |
| <b>B10 value with high demand rate according to SN 31920</b>                        | 300 000 |
| <b>failure rate [FIT] with low demand rate per NC contact according to SN 31920</b> | 100 FIT |
| <b>IEC 61508</b>                                                                    |         |
| T1 value for proof test interval or service life according to IEC 61508             | 20 a    |

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Ambient conditions</b>                                      |                                                                    |
| <b>ambient temperature</b>                                     |                                                                    |
| • 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%) |

|                                                    |         |
|----------------------------------------------------|---------|
| <b>Installation/ mounting/ dimensions</b>          |         |
| <b>height</b>                                      | 44.8 mm |
| <b>width</b>                                       | 44.8 mm |
| <b>shape of the installation opening</b>           | round   |
| <b>mounting diameter</b>                           | 30.5 mm |
| <b>positive tolerance of installation diameter</b> | 0.5 mm  |
| <b>mounting height</b>                             | 22.1 mm |
| <b>installation width</b>                          | 44.8 mm |
| <b>installation depth</b>                          | 32.1 mm |

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Approvals Certificates</b>   |                          |
| <b>General Product Approval</b> | <b>Test Certificates</b> |



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

|                             |              |
|-----------------------------|--------------|
| <b>Maritime application</b> | <b>other</b> |
|-----------------------------|--------------|



[Confirmation](#)

|                    |
|--------------------|
| <b>Environment</b> |
|--------------------|

[Environmental Confirmations](#)

|                            |
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| <b>Further information</b> |
|----------------------------|

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>

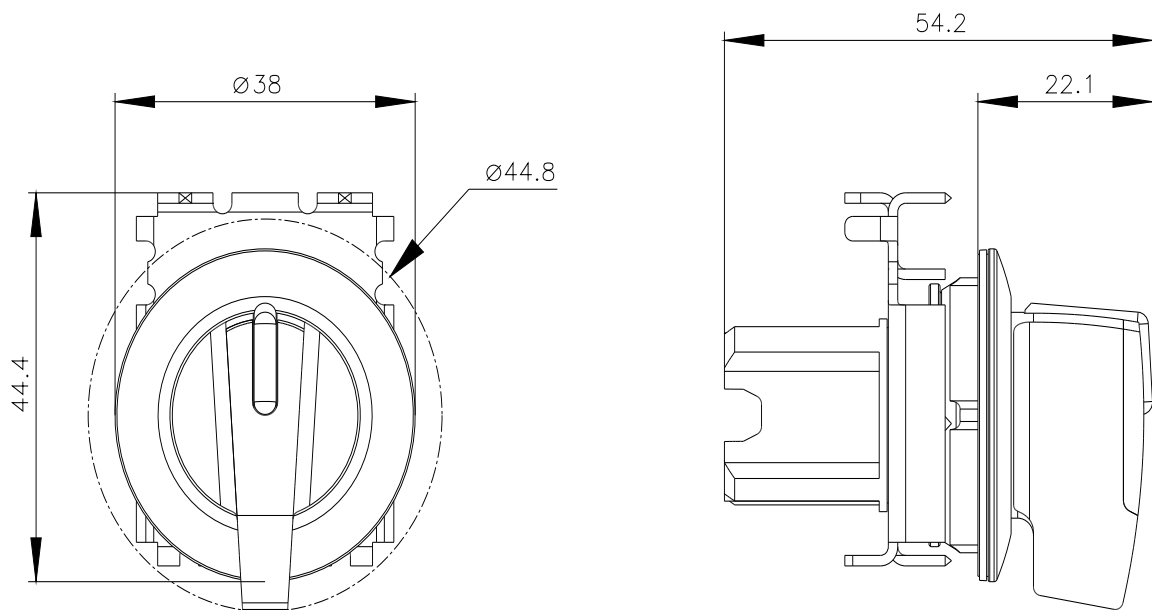
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1062-2EM40-0AA0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2EM40-0AA0>

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



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