

Selector switch, illuminable, 30 mm, round, metal, matte, green, selector switch, short, front ring for flush installation, 3 switch positions I-O-II, latching, 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    |

### Enclosure

|                          |   |
|--------------------------|---|
| Number of command points | 1 |
|--------------------------|---|

### Actuator

|   |  |
|---|--|
| Design of the operating mechanism           | Selector, short                        |
| Manner of function of the actuating element | latching, 2x45° (10:30 h/12 h/13:30 h) |
| Product extension optional Light source     | 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     | 38 mm                                  |
| Number of switching positions               | 3                                      |
| Actuating angle                             |  |
| • clockwise                                 | 45°                                    |
| • anticlockwise                             | 45°                                    |

| Front ring                   |             |
|------------------------------|-------------|
| 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   |

| General technical data  |  |
|---|--|
| Protection class IP   | IP66, IP67, IP69(IP69K)                                  |
| Degree of protection NEMA rating  | 1, 2, 3, 3R, 4, 4X, 12, 13                               |
| Shock resistance  |  |
| <ul style="list-style-type: none"> <li>acc. to IEC 60068-2-27</li> <li>for railway applications acc. to DIN EN 61373</li> </ul> | Sinusoidal half-wave 50 g / 11 ms<br>Category 1, Class B |
| Vibration resistance  |  |
| <ul style="list-style-type: none"> <li>acc. to IEC 60068-2-6</li> <li>for railway applications acc. to DIN EN 61373</li> </ul>  | 10 ... 500 Hz: 5g<br>Category 1, Class B                 |
| Operating frequency maximum   | 1 800 1/h  |
| Mechanical service life (switching cycles)  |  |
| <ul style="list-style-type: none"> <li>typical</li> </ul>   | 300 000  |
| Reference code acc. to DIN EN 81346-2   | S  |
| Reference code acc. to DIN EN 61346-2   | S  |





| Safety related data   |              |
|---|--------------|
| B10 value   |              |
| <ul style="list-style-type: none"> <li>with high demand rate acc. to SN 31920</li> </ul>  | 300 000      |
| Proportion of dangerous failures  |              |
| <ul style="list-style-type: none"> <li>with low demand rate acc. to SN 31920</li> <li>with high demand rate acc. to SN 31920</li> </ul> | 20 %<br>20 % |
| Failure rate [FIT]  |              |
| <ul style="list-style-type: none"> <li>with low demand rate acc. to SN 31920</li> </ul>   | 100 FIT      |
| T1 value for proof test interval or service life acc. to IEC 61508  | 20 y         |

| Ambient conditions   |   |
|--|---|
| Ambient temperature  |   |
| <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | -25 ... +70 °C<br>-40 ... +80 °C                                    |
| Environmental category during operation acc. to IEC 60721                                  | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |


| Installation/ mounting/ dimensions          |         |
|---|---------|
| Height                                      | 44.8 mm |
| Width                                       | 38 mm   |
| Shape of the installation opening           | round   |
| Mounting diameter                           | 30.5 mm |
| Positive tolerance of installation diameter | 0.5 mm  |

|                    |         |
|--------------------|---------|
| Mounting height    | 22.1 mm |
| Installation width | 38 mm   |
| Installation depth | 32.1 mm |

### Certificates/ approvals

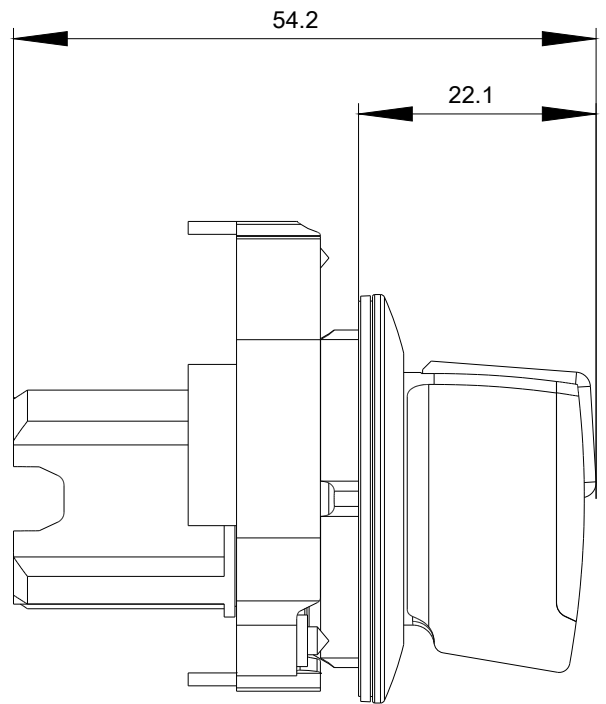
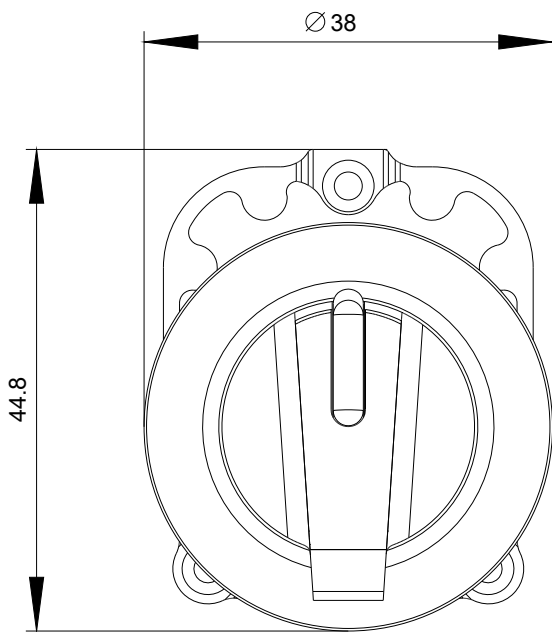
| General Product Approval  |   | Declaration of Conformity   |   | Test Certificates   |
|---|---|---|---|---|
|  |  |  |  | <a href="#">Miscellaneous</a><br><a href="#">Special Test Certificate</a> |
| CSA   | UL  |   | EG-Konf.  |   |

| Test Certificates                                  | Marine / Shipping   |   |   |   |   |
|--|---|---|---|---|---|
| <a href="#">Type Test Certificates/Test Report</a> |  |  |  |  |  |
|  | ABS   | LRS   | PRS   | RINA  | RMRS  |

| Marine / Shipping   | other                        |
|---|------------------------------|
|  | <a href="#">Confirmation</a> |
| DNV-GL<br>DNVGL.COM/AF  |                              |

### Further information

- 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?mfb=3SU1062-2DL40-0AA0>
- Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1062-2DL40-0AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DL40-0AA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1062-2DL40-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1062-2DL40-0AA0&lang=en)



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