

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, PLASTIC, WHITE, SHORT SELECTOR SWITCH, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X45 DEG., 10:30H/12H/13:30H



Figure similar

|                                             |                                       |
|---------------------------------------------|---------------------------------------|
| Product brand name                          | SIRIUS ACT                            |
| Product designation                         | Selector switches                     |
| Product type designation                    | 3SU1                                  |
| Enclosure                                   |                                       |
| Number of command points                    | 1                                     |
| Actuator                                    |                                       |
| Design of the operating mechanism           | Selector switch, short black handle   |
| Manner of function of the actuating element | maintained, 2x45° (10:30h/12h/13:30h) |
| Product extension optional Light source     | Yes                                   |
| Color of the actuating element              | White                                 |
| Material of the actuating element           | plastic                               |
| Shape of the actuating element              | Handle                                |
| Outer diameter of the actuating element     | 32.3 mm                               |
| Number of switching positions               | 3                                     |
| Actuating angle                             |                                       |
| • clockwise                                 | 45°                                   |
| • anticlockwise                             | 45°                                   |

| Front ring                   |          |
|------------------------------|----------|
| Product component front ring | Yes      |
| Design of the front ring     | standard |
| Material of the front ring   | plastic  |
| Color of the front ring      | black    |

| General technical data                     |                                                                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Protection class IP                        | IP66, IP67, IP69(IP69K)                                                                                                             |
| Degree of protection NEMA rating           | NEMA 1, 2, 3, 3R, 4, 4X, 12                                                                                                         |
| 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) |                                                                                                                                     |
| • typical                                  | 1 000 000                                                                                                                           |
| Equipment marking                          |                                                                                                                                     |
| • acc. to DIN EN 61346-2                   | S                                                                                                                                   |
| • acc. to DIN EN 81346-2                   | S                                                                                                                                   |

| Safety related data                                                |         |
|--------------------------------------------------------------------|---------|
| B10 value                                                          |         |
| • with high demand rate acc. to SN 31920                           | 300 000 |
| Proportion of dangerous failures                                   |         |
| • with low demand rate acc. to SN 31920                            | 20 %    |
| • with high demand rate acc. to SN 31920                           | 20 %    |
| Failure rate [FIT]                                                 |         |
| • with low demand rate acc. to SN 31920                            | 100 FIT |
| T1 value for proof test interval or service life acc. to IEC 61508 | 20 y    |

| Ambient conditions                                        |                                                                     |
|-----------------------------------------------------------|---------------------------------------------------------------------|
| Ambient temperature                                       |                                                                     |
| • during operation                                        | -25 ... +70 °C                                                      |
| • during storage                                          | -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                             | 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

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

#### other

[Confirmation](#)

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1002-2BL60-0AA0>

##### Cax online generator

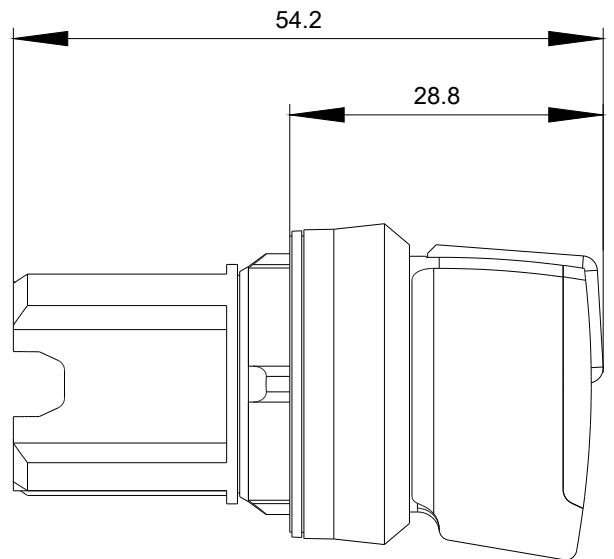
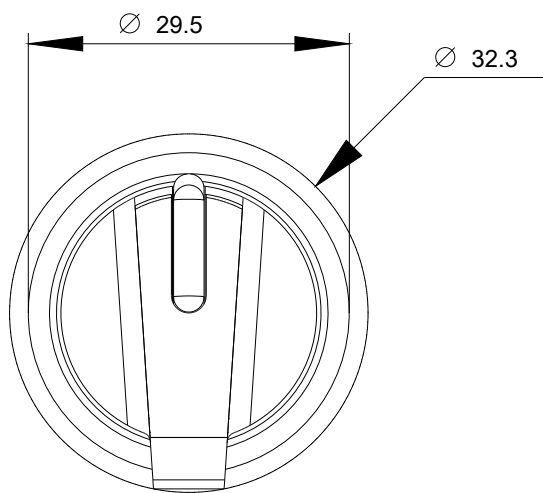
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BL60-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BL60-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1002-2BL60-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BL60-0AA0&lang=en)



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