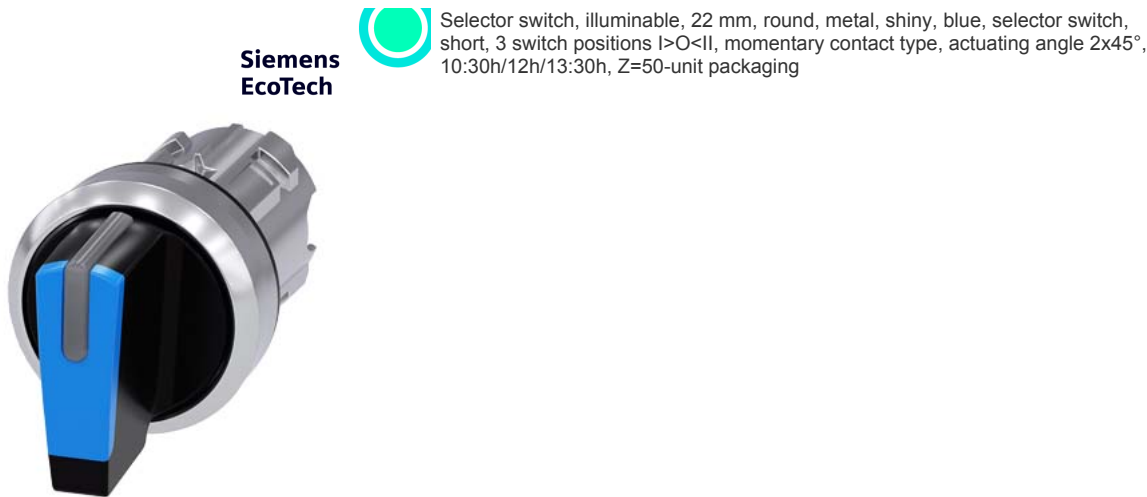




|                                                    |                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                            |
| product designation                                | Selector switches                                                     |
| design of the product                              | Actuating/signaling element                                           |
| product type designation                           | 3SU1                                                                  |
| product line                                       | Metal, shiny, 22 mm                                                   |
| Enclosure                                          |                                                                       |
| number of command points                           | 1                                                                     |
| Actuator                                           |                                                                       |
| design of the actuating element                    | Selector, short                                                       |
| 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                     | blue                                                                  |
| 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                         | Metal, high gloss                                                     |
| color of the front ring                            | silver                                                                |
| 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                                   |                                                                       |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15g / 11 ms                                      |
| vibration resistance                               |                                                                       |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                                                     |
| operating frequency maximum                        | 1 800 1/h                                                             |
| mechanical service life (operating cycles) typical | 1 000 000                                                             |
| reference code according to IEC 81346-2            | S                                                                     |
| Substance Prohibitance (Date)                      | 10/01/2014                                                            |

| Safety related data                                                  |         |
|----------------------------------------------------------------------|---------|
| <b>proportion of dangerous failures</b>                              |         |
| • with low demand rate according to SN 31920                         | 20 %    |
| • with high demand rate according to SN 31920                        | 20 %    |
| <b>B10 value with high demand rate according to SN 31920</b>         | 300 000 |
| <b>failure rate [FIT] with low demand rate according to SN 31920</b> | 100 FIT |

| Ambient conditions                                             |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <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%) |

| Environmental footprint                                |                 |
|--------------------------------------------------------|-----------------|
| Environmental Product Declaration (EPD)                | Yes             |
| Global Warming Potential [CO2 eq] total                | 0.593 kg        |
| Global Warming Potential [CO2 eq] during manufacturing | 0.625 kg        |
| Global Warming Potential [CO2 eq] during operation     | 0.235 kg        |
| Global Warming Potential [CO2 eq] after end of life    | -0.267 kg       |
| Siemens Eco Profile (SEP)                              | Siemens EcoTech |

| Installation/ mounting/ dimensions                 |         |
|----------------------------------------------------|---------|
| <b>height</b>                                      | 32.3 mm |
| <b>width</b>                                       | 32.3 mm |
| <b>shape of the installation opening</b>           | round   |
| <b>mounting diameter</b>                           | 22.3 mm |
| <b>positive tolerance of installation diameter</b> | 0.4 mm  |
| <b>mounting height</b>                             | 28.8 mm |
| <b>installation width</b>                          | 32.3 mm |
| <b>installation depth</b>                          | 25.4 mm |

| Approvals Certificates   |                   |                   |
|--------------------------|-------------------|-------------------|
| General Product Approval | Test Certificates | Marine / Shipping |

[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



|                   |       |             |
|-------------------|-------|-------------|
| Marine / Shipping | other | Environment |
|-------------------|-------|-------------|



[Confirmation](#)



Siemens  
EcoTech



## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### 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=3SU1052-2BM50-0AA0-Z X90>

### Cax online generator

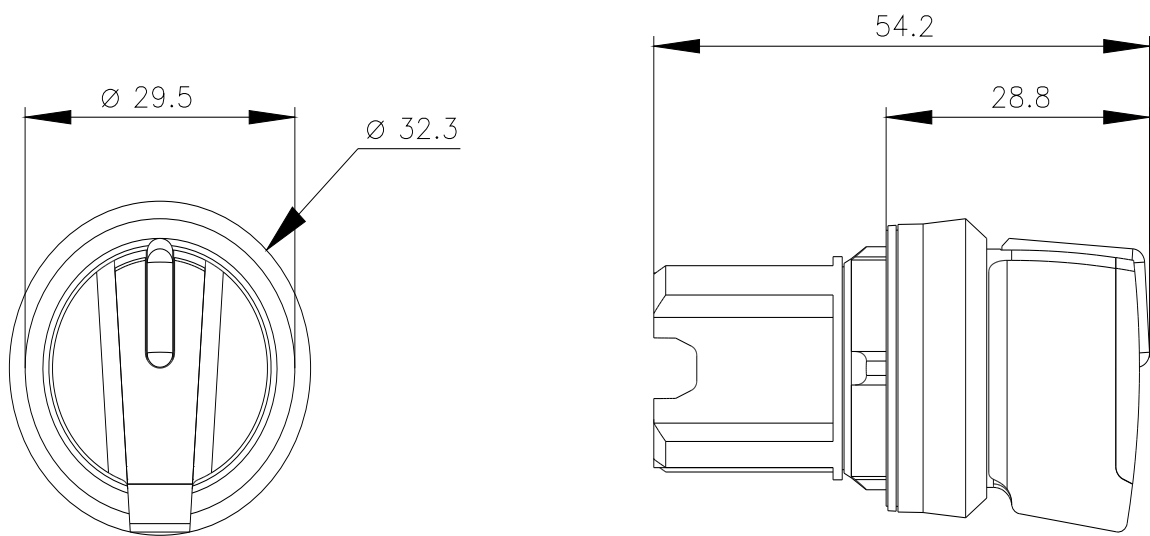
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1052-2BM50-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2BM50-0AA0-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=3SU1052-2BM50-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1052-2BM50-0AA0-Z X90&lang=en)



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