



Selector switch, illuminable, 22 mm, round, metal, shiny, red, selector switch, long, 3 switch positions I-O<II, left latching, right 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, shiny, 22 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    | latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching |
| product extension optional                         |                                                                                            |
| • light source                                     | Yes                                                                                        |
| • contact module                                   | Yes                                                                                        |
| color of the actuating element                     | red                                                                                        |
| 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                           | standard                                                                                   |
| material of the front ring                         | Metal, high gloss                                                                          |
| color of the front ring                            | silver                                                                                     |
| <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                                                           |
| vibration resistance                               |                                                                                            |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                                                                          |
| operating frequency maximum                        | 1 800 1/h                                                                                  |
| mechanical service life (switching cycles) typical | 1 000 000                                                                                  |
| reference code according to IEC 81346-2            | S                                                                                          |
| Substance Prohibitance (Date)                      | 10/01/2014                                                                                 |
| <b>Safety related data</b>                         |                                                                                            |

|                                                               |         |
|---------------------------------------------------------------|---------|
| B10 value with high demand rate according to SN 31920         | 300 000 |
| <b>proportion of dangerous failures</b>                       |         |
| • 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

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <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%) |

#### Installation/ mounting/ dimensions

|                                                    |         |
|----------------------------------------------------|---------|
| <b>height</b>                                      | 44.8 mm |
| <b>width</b>                                       | 44.8 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>                          | 44.8 mm |
| <b>installation depth</b>                          | 25.4 mm |

#### Certificates/ approvals

|                          |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |
|--------------------------|---------------------------|



[Confirmation](#)



EG-Konf.

|                   |                   |
|-------------------|-------------------|
| Test Certificates | Marine / Shipping |
|-------------------|-------------------|

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS



PRS



RINA

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



RMRS

[Environmental Confirmations](#)

[Confirmation](#)

#### 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?mlfb=3SU1052-2CN20-0AA0>

Cax online generator

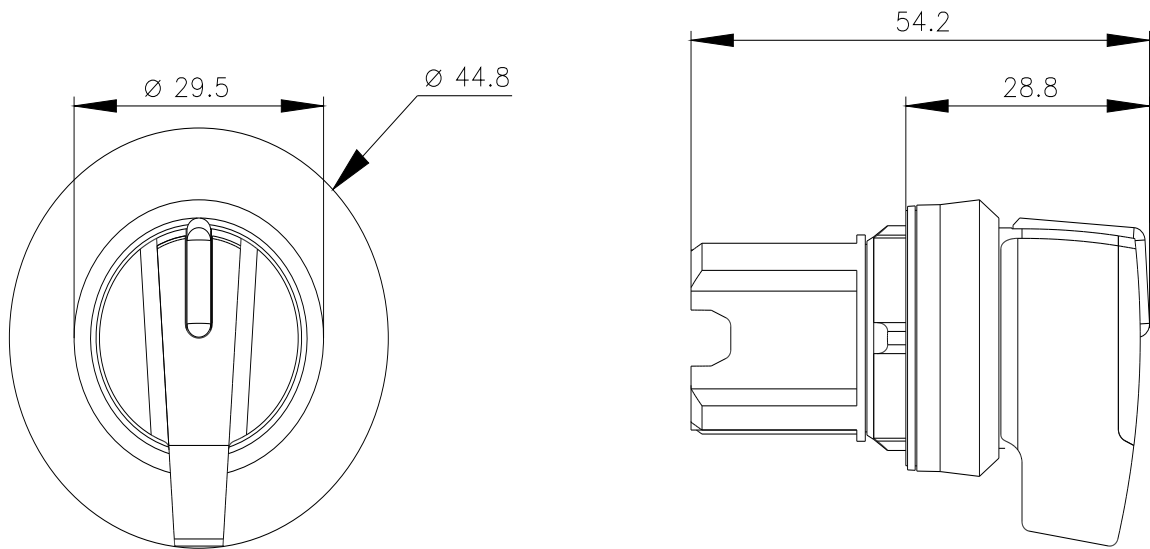
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1052-2CN20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1052-2CN20-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1052-2CN20-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1052-2CN20-0AA0&lang=en)



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