



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, red, selector switch, short, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h

|                          |                                            |
|--------------------------|--------------------------------------------|
| product brand name       | SIRIUS ACT                                 |
| product designation      | Selector switches                          |
| design of the product    | Actuating/signaling element                |
| product type designation | 3SU1                                       |
| product line             | Plastic with metal front ring, matt, 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, 45° (10:30 h/12 h), return from center to left |
| 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         | 32.3 mm                                                           |
| number of switching positions                   | 2                                                                 |
| actuating angle                                 |                                                                   |
| • clockwise                                     | 45°                                                               |

### Front ring

|                              |             |
|------------------------------|-------------|
| product component front ring | Yes         |
| design of the front ring     | standard    |
| 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                                   |                                  |
| • 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 | 1 000 000                        |
| reference code according to IEC 81346-2            | S                                |
| Substance Prohibitance (Date)                      | 10/01/2014                       |

### Safety related data

|                                                       |         |
|-------------------------------------------------------|---------|
| B10 value with high demand rate according to SN 31920 | 500 000 |
| proportion of dangerous failures                      |         |

|                                                                                                                                                       |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <ul style="list-style-type: none"> <li>• with low demand rate according to SN 31920</li> <li>• with high demand rate according to SN 31920</li> </ul> | 20 %    |
| failure rate [FIT] with low demand rate according to SN 31920                                                                                         | 20 %    |
|                                                                                                                                                       | 100 FIT |

#### Ambient conditions

|                                                                                                |                                                                    |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>ambient temperature</b>                                                                     |                                                                    |
| <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 according 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 |
|--------------------------|---------------------------|
|--------------------------|---------------------------|



[Confirmation](#)



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

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



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



[Confirmation](#)

#### 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=3SU1032-2BC20-0AA0>

##### Cax online generator

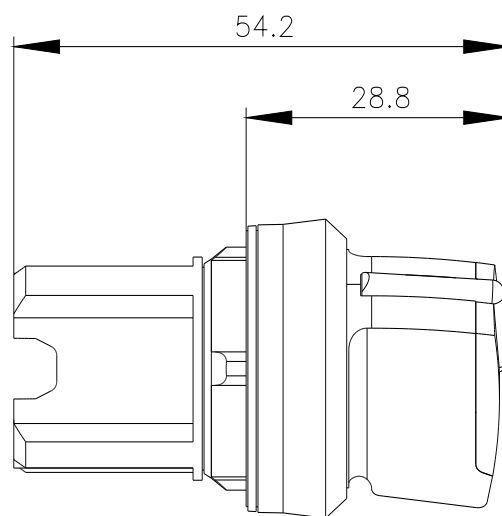
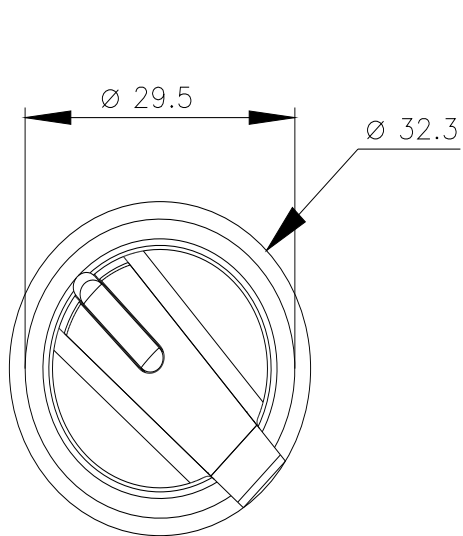
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BC20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BC20-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1032-2BC20-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BC20-0AA0&lang=en)



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