

Selector switch, illuminable, 22 mm, round, plastic with metal front ring, yellow, selector switch, short, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at beginning of line



| | |
|--------------------------|--|
| 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 operating mechanism | Selector, short |
| Manner of function of the actuating element | momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching |
| Product extension optional Light source | Yes |
| Color of the actuating element | yellow |
| Material of the actuating element | plastic |
| Shape of the actuating element | Handle |
| Outer diameter of the actuating element | 32.3 mm |
| Marking of the actuating element | Customized labeling, text in lower case / capital letters, all lines start with capital letter |
| 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, 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 | |
| • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50 g / 11 ms |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Vibration resistance | |
| • acc. to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Operating frequency maximum | 1 800 1/h |
| Mechanical service life (switching cycles) | |
| • typical | 1 000 000 |
| Reference code acc. to DIN EN 81346-2 | S |
| Reference code acc. to DIN EN 61346-2 | 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 |
|--------------------------|---------------------------|-------------------|



CSA



UL



EG-Konf.

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

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

[Special Test Certificate](#)



ABS



LRS



PRS



RINA



RMRS

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



DNVGL.COM/AF

[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?mfb=3SU1032-2BP30-0AA0-Z Y10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1032-2BP30-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BP30-0AA0-Z Y10>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1032-2BP30-0AA0-Z Y10&lang=en

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