



Selector switch, illuminable, 22 mm, round, metal, shiny, red, selector switch, short, 3 switch positions I-O-II, latching, 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 |
| Enclosure | |
| number of command points | 1 |
| Actuator | |
| design of the actuating element | Selector, short |
| principle of operation of the actuating element | latching, 2x45° (10:30 h/12 h/13:30 h) |
| 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 | 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 | |
| • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50g / 11 ms |
| vibration resistance | |
| • acc. 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 acc. to IEC 81346-2 | S |
| Substance Prohibitance (Date) | 01.10.2014 00:00:00 |

| 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 |



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



LRS



PRS



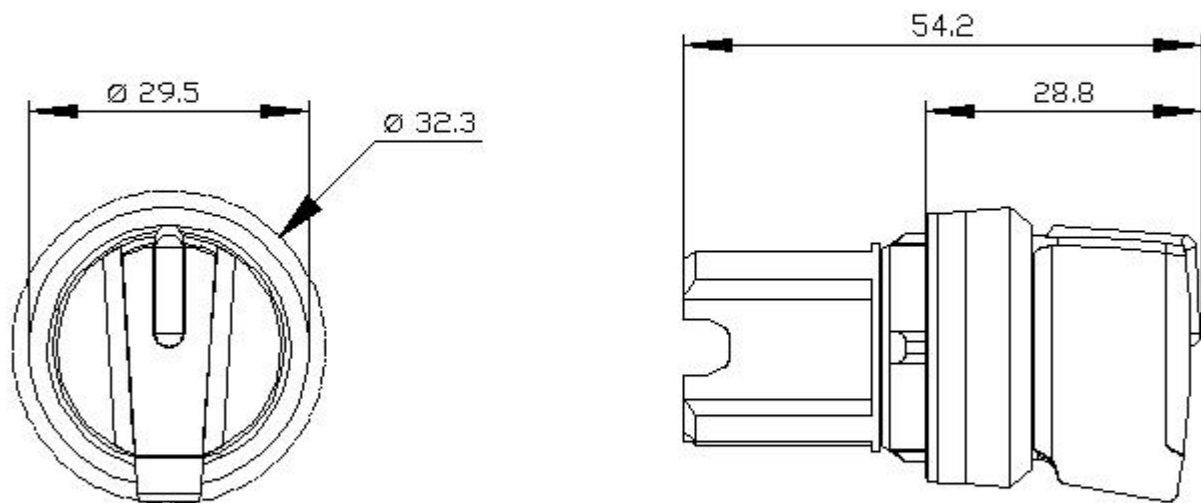
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RMRS

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| other |
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| Further information |
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last modified:

1/8/2021 