

RONIS key-operated switch, 22 mm, round, plastic, lock number 455, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, Key removal O



|                               |                                    |
|-------------------------------|------------------------------------|
| Product brand name            | SIRIUS ACT                         |
| Product designation           | Key-operated switches              |
| Design of the product         | Actuating/signaling element        |
| Product type designation      | 3SU1                               |
| Product line                  | Plastic, black, 22 mm              |
| Manufacturer's article number |                                    |
| • of included key             | <a href="#">3SU1950-0FC80-0AA0</a> |

| Actuator                                    |                                 |
|---|---------------------------------|
| Manner of function of the actuating element | latching, 90° (10:30 h/13:30 h) |
| Product extension optional Light source     | No                              |
| Color                                       |                                 |
| • of the actuating element                  | silver                          |
| Material of the actuating element           | metal                           |
| Shape of the actuating element              | Key                             |
| Outer diameter of the actuating element     | 29.5 mm                         |
| Number of switching positions               | 2                               |
| Switch position for key distraction         | O                               |
| Actuating angle                             |                                 |
| • clockwise                                 | 90°                             |

|            |       |
|------------|-------|
| Lock make  | RONIS |
| Key number | 455   |

| Front ring                   |          |
|------------------------------|----------|
| Product component front ring | Yes      |
| Design of the front ring     | Standard |
| Material of the front ring   | plastic  |
| Color of the front ring      | black    |

| General technical data  |  |
|---|--|
| Protection class IP   | IP66, IP67, IP69(IP69K)                                  |
| <ul style="list-style-type: none"> <li>of the terminal</li> </ul>   | IP20   |
| Degree of protection NEMA rating  | 1, 2, 3, 3R, 4, 4X, 12, 13                               |
| Shock resistance  |  |
| <ul style="list-style-type: none"> <li>acc. to IEC 60068-2-27</li> <li>for railway applications acc. to DIN EN 61373</li> </ul> | Sinusoidal half-wave 50 g / 11 ms<br>Category 1, Class B |
| Vibration resistance  |  |
| <ul style="list-style-type: none"> <li>acc. to IEC 60068-2-6</li> <li>for railway applications acc. to DIN EN 61373</li> </ul>  | 10 ... 500 Hz: 5g<br>Category 1, Class B                 |
| Operating frequency maximum   | 1 800 1/h  |
| Mechanical service life (switching cycles)  |  |
| <ul style="list-style-type: none"> <li>typical</li> </ul>   | 1 000 000  |
| Reference code acc. to DIN EN 81346-2   | S  |
| Reference code acc. to DIN EN 61346-2   | S  |

| Ambient conditions   |   |
|--|---|
| Ambient temperature  |   |
| <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 acc. to IEC 60721                                  | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |

| Installation/ mounting/ dimensions          |         |
|---|---------|
| Height                                      | 29.5 mm |
| Width                                       | 29.5 mm |
| Shape of the installation opening           | round   |
| Mounting diameter                           | 22.3 mm |
| Positive tolerance of installation diameter | 0.4 mm  |
| Mounting height                             | 49.4 mm |
| Installation width                          | 29.5 mm |
| Installation depth                          | 25.4 mm |

### Certificates/ approvals

|  |   |   |   |                               |  |
|--|---|---|---|-------------------------------|--|
| General Product Approval   |   |   | Declaration of Conformity   |                               | Test Certificates                        |
| <br>CSA | <br>UL |  | <br>EG-Konf. | <a href="#">Miscellaneous</a> | <a href="#">Special Test Certificate</a> |

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

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS



RINA



RMRS

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

[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=3SU1000-4CF01-0AA0>

### Cax online generator

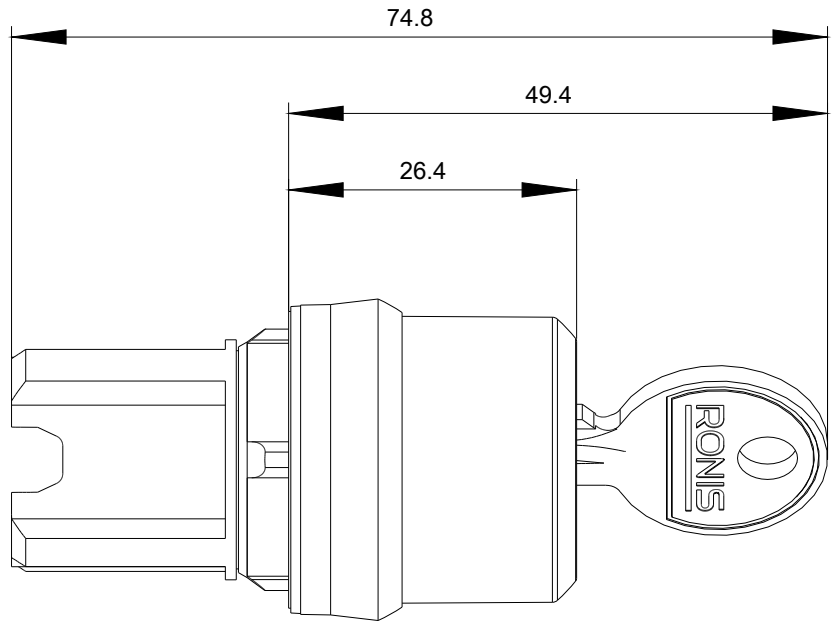
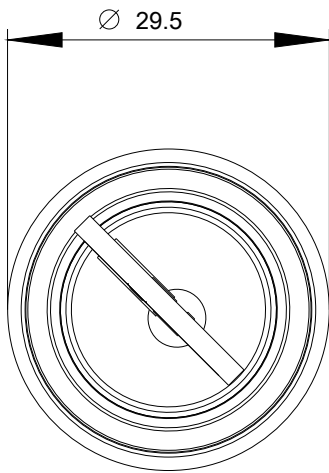
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4CF01-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4CF01-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1000-4CF01-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-4CF01-0AA0&lang=en)



last modified:

02/18/2020