



RONIS key-operated switch, 22 mm, round, metal, shiny, lock number 455, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at the beginning of the word

|                                                    |                                                                                    |
|----------------------------------------------------|------------------------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                                         |
| product designation                                | Key-operated switches                                                              |
| design of the product                              | Actuating/signaling element                                                        |
| product type designation                           | 3SU1                                                                               |
| product line                                       | Metal, shiny, 22 mm                                                                |
| manufacturer's article number of included key      | <a href="#">3SU1950-0FC80-0AA0</a>                                                 |
| <b>Actuator</b>                                    |                                                                                    |
| principle of operation 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                                                                            |
| marking of the actuating element                   | Any inscription, text in upper/lower case, all words begin with upper case letters |
| number of switching positions                      | 2                                                                                  |
| switch position for key distraction                | O                                                                                  |
| actuating angle                                    |                                                                                    |
| • clockwise                                        | 90°                                                                                |
| lock make                                          | RONIS                                                                              |
| key number                                         | 455                                                                                |
| <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)                                                            |
| • of the terminal                                  | IP20                                                                               |
| 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 (switching cycles) typical | 300 000                                                                            |
| reference code acc. to IEC 81346-2                 | S                                                                                  |

| Ambient conditions                                                                                                                     |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• ambient temperature during operation</li> <li>• ambient temperature 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                                                                                                                |                                                                     |
| 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=3SU1050-4CF01-0AA0-Z Y15>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-4CF01-0AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-4CF01-0AA0-Z Y15>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-4CF01-0AA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-4CF01-0AA0-Z Y15&lang=en)

last modified:

2/1/2021 