

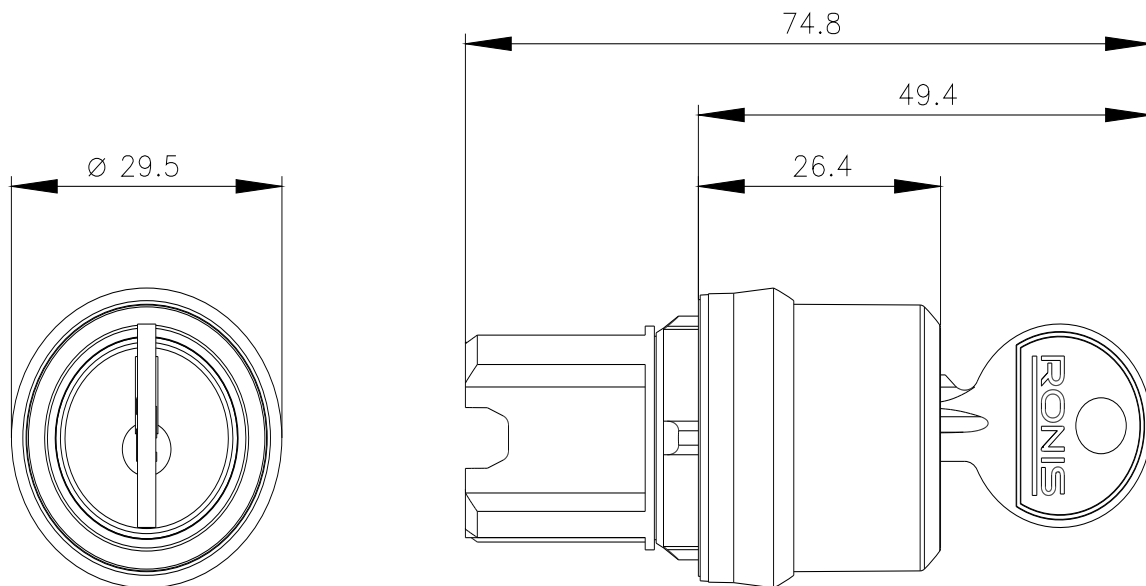
Siemens  
EcoTech



RONIS key-operated switch, 22 mm, round, metal, shiny, Lock No. 421, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+O+II

|                                                    |                                        |
|----------------------------------------------------|----------------------------------------|
| 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                    |
| <b>Actuator</b>                                    |                                        |
| principle of operation of the actuating element    | latching, 2x45° (10:30 h/12 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                      | 3                                      |
| switch position for key distraction                | O+I+II                                 |
| actuating angle                                    |                                        |
| • clockwise                                        | 45°                                    |
| • anticlockwise                                    | 45°                                    |
| lock make                                          | RONIS                                  |
| key number                                         | 421                                    |
| <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)                |
| protection class IP of the terminal                | IP20                                   |
| degree of protection NEMA rating                   | 1, 2, 3, 3R, 4, 4X, 12, 13             |
| shock resistance                                   |                                        |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15 g / 11 ms      |
| vibration resistance                               |                                        |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5 g                     |
| operating frequency maximum                        | 1 800 1/h                              |
| mechanical service life (operating cycles) typical | 300 000                                |
| reference code according to IEC 81346-2            | S                                      |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Substance Prohibittance (day/month/year)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10/01/2014                                                                          |                                                                                       |
| Net Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 77 g                                                                                |                                                                                       |
| Ambient conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                                                                                       |
| ambient temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                                                                       |
| • during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -25 ... +70 °C                                                                      |                                                                                       |
| • during storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 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                                                                             |                                                                                       |
| Environmental footprint                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                       |
| Environmental Product Declaration (EPD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes                                                                                 |                                                                                       |
| global warming potential [CO2 eq] total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.593 kg                                                                            |                                                                                       |
| global warming potential [CO2 eq] during manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.625 kg                                                                            |                                                                                       |
| global warming potential [CO2 eq] during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.235 kg                                                                            |                                                                                       |
| global warming potential [CO2 eq] after end of life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -0.267 kg                                                                           |                                                                                       |
| Siemens eco profile (SEP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Siemens EcoTech                                                                     |                                                                                       |
| Approvals Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |                                                                                       |
| Environmental Product Declaration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                     |                                                                                       |
| • global warming potential [CO2 eq] / during manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.625 kg                                                                            |                                                                                       |
| • global warming potential [CO2 eq] / during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.235 kg                                                                            |                                                                                       |
| • global warming potential [CO2 eq] / after end of life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -0.267 kg                                                                           |                                                                                       |
| • global warming potential [CO2 eq] / total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.593 kg                                                                            |                                                                                       |
| Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Product Approval                                                            |                                                                                       |
| <div><div><a href="#">Environmental Confirmations</a></div><div></div><div></div><div></div><div></div><div></div></div> |                                                                                     |                                                                                       |
| General Product Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Certificates                                                                   | Maritime application                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Type Test Certificates/Test Report</a>                                  | <a href="#">Special Test Certificate</a>                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |    |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |  |
| Maritime application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | other                                                                               |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Confirmation</a>                                                        |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                       |
| Further information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                                                                       |
| Information on the packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                       |
| <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                       |
| Information for data generation and storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                                                                       |
| <a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                       |
| Information- and Downloadcenter (Catalogs, Brochures,...)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |                                                                                       |
| <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                       |
| Industry Mall (Online ordering system)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |                                                                                       |
| <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-4DL11-0AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-4DL11-0AA0</a>                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                       |
| Cax online generator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |                                                                                       |



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4/4/2026 