



Key-operated switch IKON, 22 mm, round, metal, shiny, lock number 360012K1, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+O+II, with laser labeling, upper case and lower case, always upper case at beginning of line

|                                                    |                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------------------------|
| 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="#">3SU1950-0FR80-0AA0</a>                                                  |
| <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                                                                             |
| marking of the actuating element                   | Any inscription, text in upper/lower case, every line begins with upper case letter |
| number of switching positions                      | 3                                                                                   |
| switch position for key distraction                | O+I+II                                                                              |
| actuating angle                                    |                                                                                     |
| • clockwise                                        | 45°                                                                                 |
| • anticlockwise                                    | 45°                                                                                 |
| lock make                                          | ICON                                                                                |
| key number                                         | 360012K1                                                                            |
| <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                                   |                                                                                     |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15g / 11 ms                                                    |
| vibration resistance                               |                                                                                     |
| • according 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 according to IEC 81346-2            | S                                                                                   |

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| <b>Substance Prohibitance (Date)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/01/2014                                                         |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    |
| <b>ambient temperature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |
| • 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%) |
| <b>Installation/ mounting/ dimensions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    |
| <b>height</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 29.5 mm                                                            |
| <b>width</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 29.5 mm                                                            |
| <b>shape of the installation opening</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | round                                                              |
| <b>mounting diameter</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22.3 mm                                                            |
| <b>positive tolerance of installation diameter</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.4 mm                                                             |
| <b>mounting height</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 56.2 mm                                                            |
| <b>installation width</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 29.5 mm                                                            |
| <b>installation depth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25.4 mm                                                            |
| <b>Certificates/ approvals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    |
| <b>Further information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a><br><b>Industry Mall (Online ordering system)</b><br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5XL11-0AA0-Z Y10">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5XL11-0AA0-Z Y10</a><br><b>Cax online generator</b><br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-5XL11-0AA0-Z Y10">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-5XL11-0AA0-Z Y10</a><br><b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b><br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5XL11-0AA0-Z Y10">https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5XL11-0AA0-Z Y10</a><br><b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b><br><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5XL11-0AA0-Z Y10&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5XL11-0AA0-Z Y10&amp;lang=en</a> |                                                                    |

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