



Key-operated switch IKON, 22 mm, round, plastic with metal front ring, lock number 360012K1, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, Z=50-unit packaging

|                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| product brand name                                 | SIRIUS ACT                                 |
| product designation                                | Key-operated switches                      |
| design of the product                              | Actuating/signaling element                |
| product type designation                           | 3SU1                                       |
| product line                                       | Plastic with metal front ring, matt, 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, 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+I                                        |
| actuating angle                                    |                                            |
| • clockwise                                        | 90°                                        |
| 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, matt                                |
| color of the front ring                            | sand gray                                  |
| <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           |
| • for railway applications according to EN 61373   | Category 1, Class B                        |
| vibration resistance                               |                                            |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                          |
| • for railway applications according to EN 61373   | Category 1, Class B                        |
| operating frequency maximum                        | 1 800 1/h                                  |
| mechanical service life (operating cycles) typical | 1 000 000                                  |
| reference code according to IEC 81346-2            | S                                          |
| Substance Prohibitance (Date)                      | 10/01/2014                                 |
| <b>Ambient conditions</b>                          |                                            |

|                                                                |                                                                    |                |
|----------------------------------------------------------------|--------------------------------------------------------------------|----------------|
| 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                             | 56.2 mm |  |
| installation width                          | 29.5 mm |  |
| installation depth                          | 25.4 mm |  |

#### Approvals Certificates

| General Product Approval | Test Certificates | Marine / Shipping |
|--------------------------|-------------------|-------------------|
|--------------------------|-------------------|-------------------|



[Special Test Certificate](#)



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



[Confirmation](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1030-5XF11-0AA0-Z X90>

Cax online generator

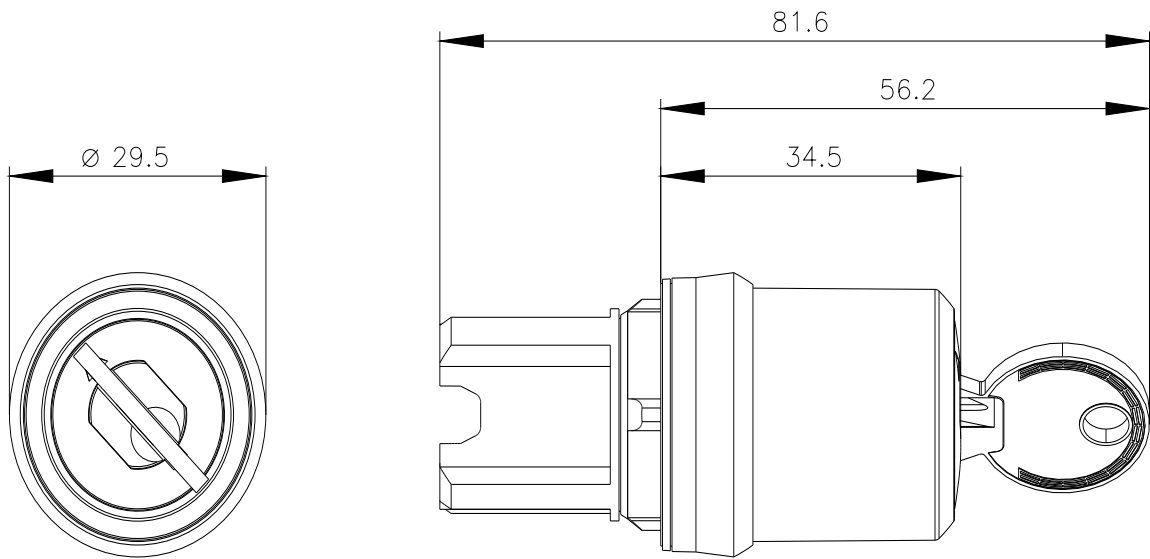
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5XF11-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5XF11-0AA0-Z X90>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-5XF11-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5XF11-0AA0-Z X90&lang=en)



---

last modified:

1/26/2022 

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Siemens:](#)

[A6X30138297](#)