SIEMENS

Data sheet



Key-operated switch IKON, 22 mm, round, metal, shiny, lock number 360012K1, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

| product designation design of the product product type designation product type designation product type designation product tine manufacturer's article number of included key Metal, shiny, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element material of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration identification Number (CIN) number of switching positions switch position for key distraction o actuating angle clockwise clockwise flock make flocing actuating product component front ring gestion of the front ring material of the front ring material of the front ring design of the front ring flow front ring material of the front ring flow flow flow flow flow flow flow flow | product brand name | SIRIUS ACT | |
|--|--|---|--|
| design of the product product type designation groduct time Metal, shiny, 22 mm Metal, shiny, 22 mm manufacturer's article number of included key Actuator product line manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element material of the actuating element shape of the actuating element material of the actuating element material of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuratoric Onfiguration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle oclockwise anticlockwise for anticlockwise for anticlockwise for anticlockwise for anticlockwise for the front ring for the front ring for the front ring for the front ring material of the front ring Metal, high gloss color of the front ring Metal, high gloss for the terminal for the termi | · | | |
| product type designation product line Metal, shiny, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color • of the actuating element material of the actuating element silver material of the actuating element Metal shape of the actuating element Marking of the actuating only be ordered via SIRIUS ACT configuratoriConfiguration lidentification Number (CIN) Marking of the actuating element | | · · | |
| product line manufacturer's article number of included key \$3\$\text{U\$1950.0FR80.0AAO}\$ Actuator principle of operation of the actuating element product extension optional light source color • of the actuating element material of the actuating element shape of the actuating element material of the actuating element shape of the actuating element marking of the actuating element actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise design of the front ring glock make (CON) key number product component front ring design of the front ring color of the front ring material of the front ring color of the front ring color of the front ring protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-8 poperating frequency maximum 1 800 1/h mechanical service life (pectang cycles) typical reference code according to IEC 61346-2 Services and service life (pectang cycles) typical reference code according to IEC 61346-2 Services and service life (pectang cycles) typical reference code according to IEC 61346-2 Services and service life (pectang cycles) typical reference code according to IEC 61346-2 Services and service life (pectang cycles) typical reference code according to IEC 61346-2 | | | |
| manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source of the actuating element silver material of the actuating element shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) number of switching positions switch position for key distraction actuating angle clockwise shallockwise | | | |
| Actuator principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element wetal shape of the actuating element shape of the actuating element Sape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle elockwise anticlockwise 45° anticlockwise 45° lock make ICON key number 360012K1 Front ring product component front ring design of the front ring Standard material of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating 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 mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | · | | |
| product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element May inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction of actuating angle olockwise olockwise olockwise olockwise olock make ICON key number Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring sliver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 80068-2-6 seconding to IEC 80068-2-6 seconding to IEC 80068-2-6 seconding to IEC 80068-2-8 seconding to IEC 80068-2-8 seconding to IEC 80068-2-8 seconding to IEC 81346-2 Seconding to IEC 81346-2 Seconding to IEC 81346-2 Seconding to IEC 81346-2 | | | |
| product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element May inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction of actuating angle olockwise olockwise olockwise olockwise olock make ICON key number Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring sliver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 80068-2-6 seconding to IEC 80068-2-6 seconding to IEC 80068-2-6 seconding to IEC 80068-2-8 seconding to IEC 80068-2-8 seconding to IEC 80068-2-8 seconding to IEC 81346-2 Seconding to IEC 81346-2 Seconding to IEC 81346-2 Seconding to IEC 81346-2 | principle of operation of the actuating element | momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides | |
| of the actuating element silver material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O actuating angle | product extension optional light source | No | |
| material of the actuating element shape of the actuating element well shape of the actuating element marking of the actuating element any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction O actuating angle clockwise 45° anticlockwise 45° lock make ICON key number 360012K1 Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | color | | |
| shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 3 switch position for key distraction O actuating angle clockwise 45° anticlockwise 1CON key number 360012K1 Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring General technical data protection class IP of the terminal lip20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | of the actuating element | silver | |
| outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of switching positions switch position for key distraction o actuating angle • clockwise • anticlockwise • anticlockwise ICON key number front ring product component front ring design of the front ring material of the front ring sliver General technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | material of the actuating element | metal | |
| marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction octuating angle oclockwise oclock make occording to front ring occolor front ring occolor of the terminal occolor occo | shape of the actuating element | Key | |
| configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction O actuating angle • clockwise • anticlockwise • anticlockwise ICON key number front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | outer diameter of the actuating element | 29.5 mm | |
| switch position for key distraction actuating angle clockwise anticlockwise anticlockwise 45° anticlockwise 45° anticlockwise 45° lock make ICON key number 360012K1 Front ring product component front ring design of the front ring Metal, high gloss color of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | marking of the actuating element | | |
| actuating angle | number of switching positions | 3 | |
| clockwise anticlockwise lock make locN key number 360012K1 Front ring product component front ring design of the front ring material of the front ring material of the front ring color of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S A60012K1 Yes Associated Assoc | switch position for key distraction | 0 | |
| • anticlockwise 45° lock make ICON key number 360012K1 Front ring 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 General technical data 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 (operating cycles) typical reference code according to IEC 81346-2 S | actuating angle | | |
| lock make key number 360012K1 Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring giver General technical data protection class IP of the terminal IP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | • clockwise | 45° | |
| key number Sacon12K1 | anticlockwise | 45° | |
| product component front ring design of the front ring material of the front ring Color of the front ring General technical data protection class IP of the terminal lP20 degree of protection NEMA rating sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 • according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Standard Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20 IP66, IP67, IP69(IP69K) IP20 IP | lock make | ICON | |
| product component front ring design of the front ring material of the front ring Color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Standard Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20 IP66, IP67, IP69(IP69K) IP60, I | key number | 360012K1 | |
| design of the front ring material of the front ring Metal, high gloss color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Saladard Metal, high gloss Metal, high gloss Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20 IP20 silver IP66, IP67, IP69(IP69K) IP20 IP20 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 (operating cycles) typical reference code according to IEC 81346-2 S | Front ring | | |
| material of the front ring color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20 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 (operating cycles) typical reference code according to IEC 81346-2 S | product component front ring | Yes | |
| color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating hock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Silver IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 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 (operating cycles) typical reference code according to IEC 81346-2 S | design of the front ring | Standard | |
| protection class IP of the terminal degree of protection NEMA rating hock resistance oaccording to IEC 60068-2-27 vibration resistance oaccording to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms vibration resistance oaccording to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h service life (operating cycles) typical reference code according to IEC 81346-2 S | material of the front ring | Metal, high gloss | |
| protection class IP of the terminal lp20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance oaccording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance oaccording to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | color of the front ring | silver | |
| ● of the terminal 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 (operating cycles) typical reference code according to IEC 81346-2 S | General technical data | | |
| 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 (operating cycles) typical 300 000 reference code according to IEC 81346-2 S | protection class IP | IP66, IP67, IP69(IP69K) | |
| 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 (operating cycles) typical 300 000 reference code according to IEC 81346-2 S | of the terminal | IP20 | |
| 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 (operating cycles) typical 300 000 reference code according to IEC 81346-2 S | degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 | |
| vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | shock resistance | | |
| according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S | • according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms | |
| operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S | vibration resistance | | |
| mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S | according to IEC 60068-2-6 | 10 500 Hz: 5g | |
| reference code according to IEC 81346-2 S | operating frequency maximum | 1 800 1/h | |
| | mechanical service life (operating cycles) typical | 300 000 | |
| Substance Prohibitance (Date) 10/01/2014 | reference code according to IEC 81346-2 | S | |
| | Substance Prohibitance (Date) | 10/01/2014 | |

| 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 | 56.2 mm |
| installation width | 29.5 mm |
| installation depth | 25.4 mm |
| Certificates/ approvals | |
| Further information | |

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1050-5XM01-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5XM01-0AA0-Z Y19

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5XM01-0AA0-Z Y19

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5XM01-0AA0-Z Y19&lang=en

| last modified: | 1/26/2022 | ↺ |
|----------------|-----------|---|