## **SIEMENS**

## **Data sheet**



Key-operated switch IKON, 22 mm, round, metal, shiny, special lock, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+O+II

product designation Key-operated switches design of the product designation SSUI Product type designation SSUI Product tille Metal, shiny, 22 mm  Actuator  Actuator  Actuator  Principle of operation of the actuating element product extension optional light source No of the actuating element Silver Metal Standard New York New		
design of the product product type designation product time Metal, shiny, 22 mm  Actuator principle of operation of the actuating element product extension optional light source color  • of the actuating element material of the actuating element sliver material of the actuating element shape of the actuating element shape of the actuating element (Key outer diameter of the actuating element number of switching positions switch position for key distraction O+I+II actuating angle • clockwise • anticlockwise indicockwise  foot make ICON  Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring color of the front ring where of which actuating protection class IP of the terminal degree of protection NEMA rating has brock resistance • according to IEC 60068-2-6  operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical subtent conditions  arbition to during operation  - 25 +70 *C	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm 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 shape of the actuating element  Metal shape of the actuating element Metal shape of the front ring Metal shape of the front ring Metal, high gloss shape of the front ring Metal, high gloss where Colored lechnical data protection class IP of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal, high gloss Silver  Operation of the front ring Metal Silver  Operation of the front ring Metal Silver  Operation of the front ring	product designation	Key-operated switches
product line Actuator  principle of operation of the actuating element product extension optional light source  of the actuating element material of the actuating element shape of the actuating element material of the actuating element shape of the actuating element which positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise for the front ring design of the front ring where the front ring sliver  General technical data  General technical data  protection class IP of the terminal degree of protection NEMA rating the front ring actuating 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 63068-2 Substance Prohibitance (Date) Ambient conditions  material of the food of the frequency maximum such code of code according to IEC 63068-2 Substance Prohibitance (Date)  operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance (Date) Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance Ambient conditions and the food of the code according to IEC 63068-2 Substance Prohibitance Authorized The food of the code according to IEC 63068-2 Substance Prohibitance Authorized The food of the food of the code according to IEC 63068-2 Substance Prohibi	design of the product	Actuating/signaling element
Actuator  principle of operation of the actuating element product extension optional light source color  • of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element wetel shape of the actuating element couter diameter of the actuating element switch position for key distraction actuating angle • clockwise • clockwise • clockwise • clockwise • anticlockwise   d5°   lock make   CON	product type designation	3SU1
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 couter diameter of the actuating element number of switching positions 3 switch position for key distraction actuating angle elockwise anticlockwise 15° lock make CON  Front ring product component front ring design of the front ring slandard material of the front ring slandard material of the front ring 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 60068-2-27 vibration resistance e according to IEC 60068-2-6 operating frequency maximum mechanical service life (perating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature e during operation  -25 +70 °C	product line	Metal, shiny, 22 mm
product extension optional light source  color  of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element number of switching positions 3 switch position for key distraction actuating angle olockwise anticlockwise inclockwise olock make ICON  Front ring  product component front ring design of the front ring material of the front ring Slandard material 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 Substance Prohibitance (Date) Ambient conditions ambient temperature of during operation  -25 +70 °C	Actuator	
color  • 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° clockwise (45°) • anticlockwise (16°) • anticloc	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
• 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+HII actuating angle • clockwise 45° • anticlockwise 45° lock make ICON Front ring product component front ring Standard material of the front ring Metal, high gloss color of the front ring Silver  General technical data  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 15g / 11 ms  vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 7001/2014  Ambient conditions ambient temperature • during operation  very control of temperature • during operation  very control metal silver  Control of the	product extension optional light source	No
material 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 ICON Front ring product component front ring Standard material of the front ring Standard material of the front ring Metal, high gloss color of the front ring Siliver  General technical data  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 15g / 11 ms vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g Operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) • during operation -25 +70 °C	color	
shape of the actuating element outer diameter of the actuating element number of switching positions 3 switch position for key distraction other actuating angle clockwise define clockwise define lock make lock ront 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 60068-2-6 operating frequency maximum nechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Pothicians substance during operation -25 +70 °C	of the actuating element	silver
outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise clockwise anticlockwise at5° ICON  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 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Pound in the protection of the strong of the strong control of the strong contr	material of the actuating element	metal
number of switching positions  switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise    CON    CON   Front ring   Front ring   Front ring   Front ring   Oster ring   O	shape of the actuating element	Key
switch position for key distraction  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • anticlockwise  • anticlockwise  ICON  Front ring  product component front ring  design of the front ring  material of the front ring  material 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  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation	outer diameter of the actuating element	29.5 mm
actuating angle  clockwise anticlockwise 45° anticlockwise 45° lock make ICON  Front ring  product component front ring design of the front ring material of the front ring material of the front ring Standard material of the front ring Silver  General technical data  protection class IP of the terminal lP20  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 Substance Prohibitance (Date)  Ambient conditions  ambient temperature during operation  -25 +70 °C	number of switching positions	3
clockwise     anticlockwise     anticlockwise     lock make     ICON  Front ring  product component front ring     design of the front ring     material of the front ring     Metal, high gloss     color of the front ring     silver  General technical data  protection class IP     of the terminal     lep20  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     Substance Prohibitance (Date)  Ambient conditions  ambient temperature     during operation  -25 +70 °C	switch position for key distraction	O+I+II
anticlockwise	actuating angle	
lock make ICON  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 1800 1/h mechanical service life (operating cycles) typical 300 000  reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014  Ambient conditions  ambient temperature  • during operation -25 +70 °C	<ul><li>clockwise</li></ul>	45°
product component 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 lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum nechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Substance Prohibitance (Date) Ambient conditions ambient temperature o during operation  Yes  Head Head Head Head Head Head Head Hea	• anticlockwise	45°
product component front ring  design of the front ring  material of the front ring  Standard  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  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient temperature  o during operation  Yes  Metal, high gloss  Standard  Metal, high gloss  Silver  IP66, IP67, IP69(IP69K)  IP20  IP20	lock make	ICON
design of the front ring material of the front ring material of the front ring color of the front ring silver  General technical data protection class IP of the terminal lP20 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Ambient conditions ambient temperature during operation  -25 +70 °C	Front ring	
material of the front ring 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 sinusoidal half-wave 15g / 11 ms  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 Substance Prohibitance (Date)  Ambient conditions ambient temperature during operation  Metal, high gloss silver  Metal, high gloss silver  IP66, IP67, IP69(IP69K)  IP20  IP68, IP67, IP69(IP69K)  IP68, IP68, IP67, IP69(IP69K)  IP66, IP67, IP69(IP69K)  IP60, IP6	product component front ring	Yes
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  Substance Prohibitance (Date)  ambient temperature  during operation  silver  IP66, IP67, IP69(IP69K)  IP20  IP66, IP67, IP69(IP69K)  IP20  IP66, IP67, IP69(IP69K)  IP60,	design of the front ring	Standard
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Ambient conditions ambient temperature during operation  IP66, IP67, IP69(IP69K) IP20 IP30, IP30, IP30, IP30 IP30, IP3	material of the front ring	Metal, high gloss
protection class IP  of the terminal  IP20  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  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  oduring operation  IP20  In P69(IP69K)  IP20  In P20  In P20  In Substance 15g / 11 ms  vibration resistance  10 500 Hz: 5g  Operating frequency maximum  1 800 1/h  Mod 10/1/2014  Ambient conditions  ambient temperature  oduring operation  -25 +70 °C	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 Substance Prohibitance (Date)  Ambient conditions ambient temperature         • during operation         -25 +70 °C	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  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g  10 .	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  Substance Prohibitance (Date) 10/01/2014  Ambient conditions  ambient temperature  • during operation -25 +70 °C	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  Substance Prohibitance (Date) 10/01/2014  Ambient conditions  ambient temperature     during operation -25 +70 °C	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  10 500 Hz: 5g  300 000  700 000  10/01/2014  -25 +70 °C	shock resistance	
<ul> <li>according to IEC 60068-2-6</li> <li>10 500 Hz: 5g</li> <li>operating frequency maximum</li> <li>1 800 1/h</li> <li>mechanical service life (operating cycles) typical</li> <li>300 000</li> <li>reference code according to IEC 81346-2</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2014</li> <li>Ambient conditions</li> <li>ambient temperature</li> <li>o during operation</li> <li>-25 +70 °C</li> </ul>	• 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  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  1 800 1/h  300 000  10/01/2014  -25 +70 °C	vibration resistance	
mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  300 000  10/01/2014  Archive in the probability is a service of the probability is a service of the probability is a service of	• according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  -25 +70 °C	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  -25 +70 °C	mechanical service life (operating cycles) typical	300 000
Ambient conditions  ambient temperature  ● during operation  -25 +70 °C	reference code according to IEC 81346-2	S
ambient temperature       ● during operation       -25 +70 °C	Substance Prohibitance (Date)	10/01/2014
• during operation -25 +70 °C	Ambient conditions	
3 (8)	ambient temperature	
• during storage -40 +80 °C	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=3SU1050-5XL11-0AA0-Z Y01

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1050-5XL11-0AA0-Z~Y01}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5XL11-0AA0-Z Y01

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-5XL11-0AA0-Z Y01&lang=en

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