SIEMENS

Data sheet



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, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product line product extension 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 product of the actuating element marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters 1	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 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 sliver material of the actuating element Marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise ICON key number 360012K1 Front ring product component front ring Standard material of the front ring Standard 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 • for railway applications according to EN 61373 operating frequency maximum 180016 1 actuating requency maximum 3SU19 Sul1950-0FR80-0AA0 1 actuating, matt, 22 mm 1 actuating, andt, 22 mm 1 actuating, andt, 33 in the final size of the second plant and actuating and according to EN 61373 operating frequency maximum 3SU1950-0FR80-0AA0 1 actuating, andt, 22 mm 1 actuating, andt, 22 mm 1 actuating, andt, 33 in the final size of the second plant and actuating and according to EN 61373 operating frequency maximum 3SU1950-0FR80-0AA0 1 actuating, andt, 22 mm 1 actuating, andt, 33 in the final size of the second plant and actuating actuating actuating actuating and actuating	product designation	Key-operated switches
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manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color	product type designation	3SU1
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outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 switch position for key distraction O+I actuating angle clockwise ICON key number 360012K1 Front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP IP20 of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms o according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	material of the actuating element	metal
marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise lock make key number Front ring product component front ring design of the front ring sand gray Ceneral technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum Any inscription, text in upper/lower case, all words begin with upper case letters Any inscription, text in upper/lower case, all words begin with upper case letters Any inscription, text in upper/lower case, all words begin with upper case letters Any inscription, text in upper/lower case, all words begin with upper case letters O+I actuating angle 90° ICON 848 Wes Standard Metal, matt color of the front ring sand gray General technical data Protection class IP of the terminal 1P20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h	shape of the actuating element	Key
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switch position for key distraction actuating angle • clockwise lock make 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 60068-2-7 • for railway applications according to EN 61373 operating frequency maximum O+I Actually 90° Standard Yes Metal, matt standard Metal, matt sand gray [P66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-7 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	marking of the actuating element	
actuating angle	number of switching positions	2
Octobr/> Icok make Icon	switch position for key distraction	O+I
lock make key number 360012K1 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 legue of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum ICON 360012K1 Front ring Yes Metal, matt sand gray IP66, IP67, IP69(IP69K) IP20 IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	actuating angle	
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 60068-2-27 for railway applications according to EN 61373 operating frequency maximum Yes Metal, matt Standard Metal, matt sand gray IP66, IP67, IP69(IP69K) IP20 IP	• clockwise	90°
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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 of tor railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B operating frequency maximum	key number	360012K1
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protection class IP	material of the front ring	Metal, matt
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6	color of the front ring	sand gray
● 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 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	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 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	protection class IP	IP66, IP67, IP69(IP69K)
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	of the terminal	IP20
 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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
for railway applications according to EN 61373 vibration resistance	shock resistance	
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 according to IEC 60068-2-6 for railway applications according to EN 61373 Operating frequency maximum 10 500 Hz: 5g Category 1, Class B 1 800 1/h 	 for railway applications according to EN 61373 	Category 1, Class B
 ◆ for railway applications according to EN 61373 Category 1, Class B Operating frequency maximum 1 800 1/h 	vibration resistance	
operating frequency maximum 1 800 1/h	 according to IEC 60068-2-6 	10 500 Hz: 5g
	 for railway applications according to EN 61373 	Category 1, Class B
mechanical service life (switching cycles) typical 1 000 000	operating frequency maximum	1 800 1/h
	mechanical service life (switching cycles) typical	1 000 000

reference code according to IEC 81346-2	\$
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	

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 Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5XF11-0AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5XF11-0AA0-Z Y15

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 Y15&lang=en

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