SIEMENS

Data sheet



Key-operated switch IKON, 22 mm, round, plastic, lock number 360012K1, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, lower case

product brand name product designation Key-operated switches design of the product product type designation product line Plastic, black, 22 mm manufacturer's article number of included key SSU1950-0FR80-0AA0 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 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 actuating angle • clockwise • anticlockwise • anticlockwise (bok make (ICON) key number Front ring product component front ring design of the front ring design of the front ring plastic color of the front ring design of the front ring design of the front ring color of the front ring degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1800 1/h 1800 1/h 1800 1/h 1800 1/h 1800 1/h		
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color	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
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outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction o actuating angle eleckwise solockwise enticlockwise for anticlockwise lock make licon key number standard ground front ring product component front ring ground front ring material of the front ring plastic color of the front ring color of the front ring protection class IP of the terminal lip2o degree of protection NEMA rating shock resistance eacording to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum 2 9.5 mm Any inscription, text in lower case now about 10 Now inscription, text in lower case now inscription, text in lower case now about 10 Now inscription, text in lower case now inscription, text in lower case now now inscription, text in lower case now now inscription,	material of the actuating element	metal
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number of switching positions switch position for key distraction octuating angle clockwise shartlelockwise anticlockwise shartlelockwise shar	outer diameter of the actuating element	29.5 mm
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actuating angle	number of switching positions	3
clockwise anticlockwise lock make lock make lock make lock make lock make lock make lock key number 360012K1 Front ring product component front ring yes design of the front ring material of the front ring plastic color of the front ring plastic color of the front ring plack General technical data protection class IP of the terminal lecently of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-7 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 1800 1/h	switch position for key distraction	0
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protection class IP of the terminal lp20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance o according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms ofor railway applications according to EN 61373 category 1, Class B vibration resistance o according to IEC 60068-2-6 ofor railway applications according to EN 61373 Category 1, Class B category 1, Class B operating frequency maximum 1 800 1/h	color of the front ring	black
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vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 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
	operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical 1 000 000	mechanical service life (operating cycles) typical	1 000 000
reference code according to IEC 81346-2 S	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=3SU1000-5XL01-0AA0-Z Y12

Cax online generator

t.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5XL01-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5XL01-0AA0-Z Y12

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5XL01-0AA0-Z Y12&lang=en

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