SIEMENS

Data sheet



Key-operated switch O.M.R, 22 mm, round, plastic, lock number 73038, blue, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+O+II Z=50-unit packaging

product designation design of the product product type designation of the actuating element product extension optional light source color of the actuating element material of the actuating element material of the actuating element shape of the actuating element wetal shape of the actuating element wetal shape of the actuating element wetal shape of the actuating element yetal	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 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 shape of the actuating element number of switching positions switch position for key distraction actuating angle clockwise clockwise distriction outh and actuating angle clock make lock make lock make product component front ring design of the front ring material of the front ring material of the front ring degree of protection NEMA rating protection class IP of the Immunity of the Immunity of the Immunity of the Immunity or or of the Immunity or or or of the Immunity or or or of the Immunity or o	product designation	Key-operated switches
product type designation product line Plastic, black, 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 shape of the actuating element number of switching positions switch position for key distraction actuating angle clockwise clockwise distriction outh and actuating angle clock make lock make lock make product component front ring design of the front ring material of the front ring material of the front ring degree of protection NEMA rating protection class IP of the Immunity of the Immunity of the Immunity of the Immunity or or of the Immunity or or or of the Immunity or or or of the Immunity or o	design of the product	Actuating/signaling element
manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color	<u> </u>	
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principle of operation of the actuating element product extension optional light source color of the actuating element blue material of the actuating element shape of the actuating element outer diameter of the actuating olement number of switching positions 3 switch position for key distraction actuating angle olockwise anticlockwise anticlockwise olock make No M.R. key number Front ring product component front ring design of the front ring material of the front ring glastic color of the front ring Diack General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum rechanical service life (switching cycles) typical blue blue metal latching, 2x45° (10:30 h/12 h/13:30 h) No	manufacturer's article number of included key	3SU1950-0FJ50-0AA0
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 wetal shape of the actuating element shape of the actuating element youter diameter of the actuating element number of switching positions switch position for key distraction actuating angle • clockwise • clockwise • anticlockwise • anticlockwise lock make vanition of the front ring design of the front ring material of the front ring color of the front ring shape color of the front ring degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	Actuator	
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of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating positions a switch position for key distraction actuating angle clockwise e anticlockwise e anticlockwise lock make key umber Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring design of the emminal protection class IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 of or railway applications according to EN 61373 operating frequency maximum rechanical service life (switching cycles) typical rechanged in the first first first for the first first for the first first for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 10 00 000 10 1 1 000 000 10 1 1 000 000	product extension optional light source	No
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shape of the actuating element outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise O.M.R. key number 73038 Front ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP of the terminal 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 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum nechanical service life (switching cycles) typical Key OH-III A5° OH-III A6° OH-II A6° OH-III A6° OH-III A6° OH-III A6° OH-III A6° OH-III	 of the actuating element 	blue
outer diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction 0+I+II actuating angle 6 clockwise 6 clockwise 45° 9 anticlockwise 45° lock make 0.M.R. key number 73038 Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring black General technical data protection class IP 9 of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance 9 according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms 9 for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g 9 crotaling to IEC 60068-2-6 10 500 Hz: 5g 9 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	material of the actuating element	metal
number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise O.M.R. key number 73038 Front ring product component front ring design of the front ring material 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 60068-2-27 for railway applications according to EN 61373 operating frequency maximum enchanical service life (switching cycles) typical o A5° OH.P. 45° OH.R. 45° A5° OM.R. 45° A5° A5° A5° A5° A5° A5° A5°	shape of the actuating element	Key
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actuating angle	number of switching positions	3
clockwise anticlockwise d5° anticlockwise Jock make O.M.R. key number 73038 Front ring product component front ring yes design of the front ring material of the front ring color of the front ring black General technical data protection class IP of the terminal lege of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical design of the front ring Standard plastic accord ring to En 60068-2 inusoidal half-way (1969) (1969) (1969) inusoidal half-way (1969) inusoidal	switch position for key distraction	O+I+II
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Front ring Yes design of the front ring Standard plastic black	anticlockwise	45°
Front ring product component front ring design of the front ring material of the front ring color of the front ring plastic black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	lock make	O.M.R.
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color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of 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 of railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	design of the front ring	Standard
protection class IP	material of the front ring	plastic
protection class IP	color of the front ring	black
● 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 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 (switching cycles) typical 1 000 000	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 mechanical service life (switching cycles) typical 1 000 000	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 mechanical service life (switching cycles) typical 1 000 000	of the terminal	IP20
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 for railway applications according to EN 61373 Vibration resistance according to IEC 60068-2-6 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 mechanical service life (switching cycles) typical 1 000 000 	shock resistance	
vibration resistance	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 mechanical service life (switching cycles) typical 1 000 000 	 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 mechanical service life (switching cycles) typical 1 000 000 	vibration resistance	
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	according to IEC 60068-2-6	10 500 Hz: 5g
mechanical service life (switching cycles) typical 1 000 000	 for railway applications according to EN 61373 	Category 1, Class B
, , , , , , , , , , , , , , , , , , ,	operating frequency maximum	1 800 1/h
reference code according to IEC 81346-2	mechanical service life (switching cycles) typical	1 000 000
	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	51.7 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=3SU1000-4GL11-0AA0-Z X90

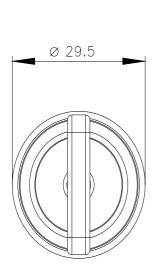
Cax online generator

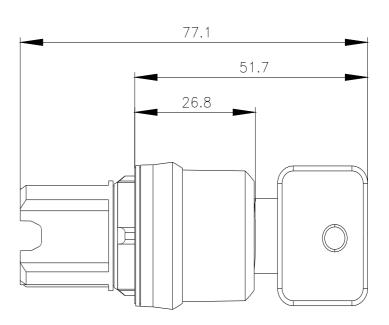
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4GL11-0AA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4GL11-0AA0-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=3SU1000-4GL11-0AA0-Z X90&lang=en





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