SIEMENS

Data sheet



Key-operated switch O.M.R, 22 mm, round, plastic, lock number 73038, blue, with 2 keys, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h, key removal O, with laser labeling, upper case

product designation Key-operated switches design of the product Actuating/signaling element product type designation 3SU1 product tine Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0FJ50-0AAQ Actuator principle of operation of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left product extension optional light source color	product brand name	SIRIUS ACT
design of the product product type designation product line product line manufacturer's article number of included key principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element material of the actuating element material of the actuating element shape of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise clockwise clockwise design of the front ring design of the front ring material of the front ring material of the front ring design of the front ring degree of protection NEMA rating product component Remains e according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum e chanical service life (switching cycles) typical design of IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B		
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 marking of the actuating element marking of the actuating element marking of the actuating positions switch position for key distraction actuating angle clockwise lock make lock make key number Front ring product component front ring design of the front ring design of the front ring color of the front ring plastic color of the front ring degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance front accuration in perchanical service life (switching cycles) typical 1 800 Hz. 580 Hz. 58		
product line manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color		
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 shape of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element actuating of switching positions 2 switch position for key distraction actuating angle clock make 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 60068-2-8 coperating texticulations according to EN 61373 vibration resistance according to IEC 60068-2-6 operating equency maximum 1 800 1/h mechanical service life (switching cycles) typical		
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 material of the actuating element shape of the actuating element wouter diameter of the actuating element marking of the actuating element Any inscription, text in upper case unumber of switching positions switch position for key distraction actuating angle clockwise solok make O.M.R. key number Front ring product component front ring design of the front ring for the front ring color of the front ring standard protection class IP 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	· .	
product extension optional light source color		
color	principle of operation of the actuating element	momentary contact, 45° (10:30 h/12 h), return from center to left
• of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of switching positions 2 switch position for key distraction actuating angle • clockwise 45° lock make O.M.R. key number 73038 Front ring product component front ring design of the front ring material of the front ring material 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 mechanical service life (switching cycles) typical bivan mechanical service life (switching cycles) typical	product extension optional light source	No
material of the actuating element shape of the actuating element word diameter of the actuating element marking of the actuating pelement marking of the actuating pelement Any inscription, text in upper case number of switching positions 2 switch position for key distraction O actuating angle o clockwise O.M.R. key number 73038 Front ring product component front ring design of the front ring material of the front ring black 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 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction octuating angle oclockwise dockwise dockwise dock make 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 pechanical service life (switching cycles) typical ocuals in upper case Any inscription, text in upper case non, in upper	 of the actuating element 	blue
outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction O actuating angle clockwise clockwise lock make Number Tososs Ves design of the front ring material of the front ring design of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum Material switching of the front ring class in unper case Applications text in upper case Application, text in upper case Application actuation Application text in upper case Application, text in upper case Application actuation Application text in upper case Application text in upper case Application actuation Application actuation Application actuation Application actuation Applicati	material of the actuating element	metal
outer diameter of the actuating element marking of the actuating element number of switching positions 2 switch position for key distraction O actuating angle clockwise clockwise lock make Number Tososs Ves design of the front ring material of the front ring design of the front ring black General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum Material switching of the front ring class in unper case Applications text in upper case Application, text in upper case Application actuation Application text in upper case Application, text in upper case Application actuation Application text in upper case Application text in upper case Application actuation Application actuation Application actuation Application actuation Applicati	shape of the actuating element	Key
number of switching positions switch position for key distraction actuating angle • clockwise lock make No.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 mechanical service life (switching cycles) typical 1 00.M.R. 45° lom.R. 48° lom.R. 480 lom.R. 4		29.5 mm
switch position for key distraction actuating angle	marking of the actuating element	Any inscription, text in upper case
actuating angle clockwise lock make 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 mechanical service life (switching cycles) typical o M.R. A5° O.M.R. A5° O.M.R. A5° O.M.R. A5° A5° A5° A5° A5° A5° A5° A5	number of switching positions	2
e clockwise lock make 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 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 73038 Yes Category 1, Class B O.M.R. N.R. According to IEC 60068-2-6 10 500 Hz: 5g Category 1, Class B Ocategory 1, Class B	switch position for key distraction	0
lock make key number 73038 Front ring product component front ring 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 of the terminal of the terminal lP20 degree of protection NEMA rating shock resistance of railway applications according to EN 61373 vibration resistance of railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical O.M.R. 73038 Front ring Cass B Ves Standard plastic black Ple66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	actuating angle	
Front ring Product component front ring Yes	• clockwise	45°
product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance 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	lock make	O.M.R.
product component front ring 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 degree of protection NEMA rating 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 vibration resistance 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	key number	73038
design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP of the terminal of the	Front ring	
material of the front ring black General technical data protection class IP	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 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 vibration resistance for railway applications according to EN 61373 category 1, Class B category 1, Class B 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 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 of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 Category 1, Class B vibration resistance of 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 mechanical service life (switching cycles) typical 1 1 000 000	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
 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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
for railway applications according to EN 61373 vibration resistance	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=3SU1000-4GC01-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4GC01-0AA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4GC01-0AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-4GC01-0AA0-Z Y11&lang=en

last modified: 1/26/2022