SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, green, selector switch, short, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h, with laser labeling, upper case and lower case, always upper case at beginning of line

product type designation design of the product product type designation ### Selector, short ### Selector, short ### principle of operation of the actuating element principle of operation of the actuating element ### product extension optional ### light source contact module color of the actuating element green material of the actuating element plastic shape of the actuating element plastic shape of the actuating element displayed the actuating	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element shape of the actuating element paterial of the actuating element shape of the actuating element material of the actuating element shape of the actuating element marking of the actuating element cuter diameter of the actuating element mumber of switching positions 2 actuating angle • clockwise Front ring product component front ring design of the front ring design of the front ring color of the front ring plastic clockwise 15° 16° 17° 18° 18° 18° 18° 18° 18° 18	product designation	Selector switches
product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element product extension optional • light source • contact module Yes color of the actuating element plastic shape of the forting positions 2 actuating angle • clockwise 45° Front ring product component front ring plastic design of the front ring plastic color of the front ring plastic color of the front ring plastic protection class IP degree of protection NEMA rating plastic plack General technical data protection class IP degree of protection NEMA rating plastic plack plack place of protection NEMA rating plastic place of protection NEMA rating plastic place of protection NEMA rating plastic place of protection NEMA rating plack place of protection NEMA rating place pl	design of the product	Actuating/signaling element
Enclosure number of command points Actuator design of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element purble of the actuating element material of the actuating element purble occurring marking of the actuating element product extension optional • light source • contact module Yes color of the actuating element material of the actuating element puter diameter of the actuating element marking of the actuating element mumber of switching positions 2 actuating angle • clockwise Front ring product component front ring design of the front ring color of the front ring protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for rallway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • according to IEC 60068-2-6 • for rallway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 000 000	product type designation	3SU1
number of command points Actuator design of the actuating element 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 Yes • contact module Yes color of the actuating element green green material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle • clockwise 45° Front ring product component front ring standard material of the front ring plastic color of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4K, 12, 13 shock resistance • according to IEC 60068-2-8 • for railway applications according to EN 61373 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical	product line	Plastic, black, 22 mm
Actuator design of the actuating element momentary contact, 45° (10:30 h/12 h), return from center to left	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional elight source cornact module color of the actuating element green material of the actuating element outer diameter of the actuating element marking of the actuating element mumber of switching positions clockwise Front ring product component front ring design of the front ring material of the front ring color of the front ring design of the front ring material of the front ring design of the front ring material of the front ring color of the front ring plastic protection class IP degree of protection NEMA rating shock resistance e 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 Selector, short momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left momentary contact, 45° (10:30 h/12 h), return from center to left Yes Question: Yes Customized labeling, text in lower case / capital letters, all lines start with capital eletter 2 actuating apple 45° Yes design of the front ring plastic black General technical data Protection class IP IP66, IP67, IP69(IP69K)	number of command points	1
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product extension optional light source Yes	design of the actuating element	Selector, short
● light source ● contact module Color of the actuating element material of the actuating element plastic shape of the actuating element Marking of the actuating element number of switching positions 2 actuating angle e clockwise Front ring 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 degree of protection class IP degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 e for railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical green green green green yes green Handle Customized labeling, text in lower case / capital letters, all lines start with capital eletter acust in lower case / capital letters, all lines start with capital eletters, all lines tart with capital eletters,	principle of operation of the actuating element	momentary contact, 45° (10:30 h/12 h), return from center to left
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material of the actuating element shape of the actuating element outer diameter of the actuating element actuating of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions actuating angle clockwise Front ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP 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 plastic clor of the front ring category 1, Class B plastic clor of the front ring category 1, Class B plastic clor of the front ring category 1, Class B protection class IP category 1, Class B category 1, Class B	contact module	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle clockwise 45° 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 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 Handle 32.3 mm 32.9 mix in lower case / capital letters, all lines start with capital letter with capital letter with capital letter 1 place in lower case / capital letters, all lines start with capital letters with capital letter with capital letter 1 place in lower case / capital letters, all lines start with capital letters with capital letter 1 place in lower case / capital letters with capital letter 1 place in lower case / capital letters with capital letter 1 place in lower case / capital letters with capital letter 1 place in lower case / capital letters with capital letter 1 place in lower case / capital letter 1 place in lo	color of the actuating element	green
outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 2 actuating angle clockwise 45° Front ring Yes gesign of the front ring standard material of the front ring plastic color of the front ring black General technical data IP66, IP67, IP69(IP69K) protection class IP IP66, IP67, IP69(IP69K) 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 ofor railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g ofor 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	plastic
marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter 2 actuating angle	shape of the actuating element	Handle
number of switching positions actuating angle • clockwise Front ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP 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 with capital letter 2 45° Front ring Yes 45° Front ring Yes 45° Front ring Yes 45° Front ring Ples (P67, IP69(IP69K)) 1	outer diameter of the actuating element	32.3 mm
actuating angle	marking of the actuating element	
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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 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 • 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	actuating angle	
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protection class IP 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 1 1 000 000	material of the front ring	plastic
protection class IP 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 • 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	color of the front ring	black
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	
shock resistance	protection class IP	IP66, IP67, IP69(IP69K)
 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 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 	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 1 800 1/h 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 maximum1 800 1/hmechanical service life (switching cycles) typical1 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

Cubatanaa Brahihitanaa (Bata)	10/04/2014
Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	500 000
proportion of dangerous failures	
 with low demand rate according to SN 31920 	20 %
 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
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	32.3 mm
width	32.3 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	28.8 mm
installation width	32.3 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=3SU1002-2BC40-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BC40-0AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BC40-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1002-2BC40-0AA0-Z Y10&lang=en

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