SIEMENS

Data sheet



Illuminable selector switch, 22 mm, round, plastic, black, Selector switch short, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle 2x45°, 10:30 /12 /13:30, Z=50-unit packaging

product type designation design of the product product type designation product tine Plastic, black, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element elight source contact module color of the actuating element black shape of the actuating element black material of the actuating element shape of the actuating element black shape of the actuating element color of the actuating element black shape of the actuating element shape of the actuating element color of the actuating element shape of the fortung positions actuating angle clockwise shape of the front ring design of the front ring product component front ring material of the front ring material of the front ring material of the front ring plastic color of the front ring material of the front ring plastic color of the front ring standard 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 operating frequency maximum should half-wave 15g / 11 ms category 1, Class B operating frequency maximum 100 000	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element	product designation	Selector switches
product line Plastic, black, 22 mm Finciosure number of command points 1 Actuator design of the actuating element Selector, short principle of operation of the actuating element being light source Yes contact module Yes color of the actuating element black material of the actuating element plastic shape of the forting positions actuating element plastic shape of the forting positions actuating element plastic elockwise 45° enticlockwise 45° Front ring product component front ring plastic color of the fr	design of the product	Actuating/signaling element
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 pumber of switching positions actuating angle clockwise anticlockwise anticlockwise 45° anticlockwise 45° front ring product component front ring design of the front ring material of the front ring product component front ring design of the front ring plastic shape of protection NEMA rating shock 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 Selector, short momenator constanting selector, short momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching yes lector, short momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching yes lector, short momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching yes lector, short momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching momentary contact/latching left, right latching left, right latching left, right latching left, righ	product type designation	3SU1
number of command points Actuator design of the actuating element principle of operation of the actuating element left, right latching product extension optional • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element 32.3 mm number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° Front ring product component front ring standard material of the front ring plastic color of the front ring plastic design of the front ring plastic color of the front ring plastic color of the front ring standard material of the front ring plastic color of the front ring standard 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 vibration resistance • according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h	product line	Plastic, black, 22 mm
Actuator Actuator Gesign of the actuating element Selector, short momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional iight source	number of command points	1
principle of operation of the actuating element momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional left, right latching Yes color of the actuating element shape of the actuating element outer diameter of the actuating element 45° 45° Front ring product component front ring design 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 according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum momentary totacle field acthaling, past of the social action of th	Actuator	
left, right latching		Selector, short
● light source ● contact module Ves Color of the actuating element black material of the actuating element shape of the actuating element outer diameter of the actuating element number of switching positions actuating angle ● clockwise ● anticlockwise ● anticlockwise ● anticlockwise 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 Yes Yes 45° 45° 45° 45° 45° 45° 45° 45	principle of operation of the actuating element	
colar to module color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element actuating angle clockwise anticlockwise anticlockwise front ring product component front ring design of the front ring color of the front ring color of the front ring protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-7 for railway applications according to EN 61373 operating frequency maximum possible to the fine of the front ring category 1, Class B operating frequency maximum black category 1, Class B operating frequency maximum	product extension optional	
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shape of the actuating element outer diameter of the actuating element number of switching positions actuating angle	color of the actuating element	black
outer diameter of the actuating element number of switching positions actuating angle clockwise anticlockwise anticlockwise anticlockwise 45° anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring plastic 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 in 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 operating frequency maximum 32.3 mm 32.3 mm 32.3 mm 45° 45° 45° 45° 45° 45° 46° 46° 489 489 489 489 489 489 489 489 489 489	material of the actuating element	plastic
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actuating angle	outer diameter of the actuating element	32.3 mm
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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	design of the front ring	standard
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	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 category 1, Class B operating frequency maximum 1 800 1/h	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	General technical data	
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 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 Category 1, Class B 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 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
		1 000 000
reference code according to IEC 81346-2 S	reference code according to IEC 81346-2	S

Substance Prohibitance (Date)	03/01/2017
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
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=3SU1002-2BP10-0AA0-Z X90

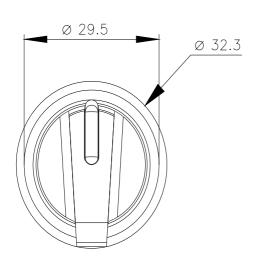
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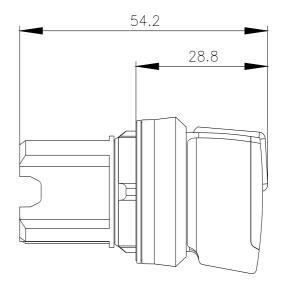
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BP10-0AA0-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=3SU1002-2BP10-0AA0-Z X90&lang=en





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