SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, blue, selector switch, short, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, inscription or symbol Customerspecific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product line Plastic, black, 22 mm Enclosure number of command points Actuating element product yet gesignation element product gradient gelement product gradient gelement element elemen	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 principle of operation of the actuating element elight source	product designation	Selector switches
product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element Selector, short principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) product extension optional • light source Yes • contact module Yes color of the actuating element blue material of the actuating element Handle outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN) number of switching positions 3 actuating angle • clockwise 45° Front ring product component front ring 45° design of the front ring 51ack General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Category 1, Class B	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 Itaching, 2x45° (10:30 h/12 h/13:30 h) Product extension optional	product type designation	3SU1
number of command points Actuator design of the actuating element Selector, short principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) product extension optional • light source Yes • contact module Yes color of the actuating element blue material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 32.3 mm marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration/Configuration Identification Number (CIN) number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° • anticlockwise 45° feront ring Yes design of the front ring standard material of the front ring plastic color of the front ring black General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to EN 61373 Category 1, Class B	product line	Plastic, black, 22 mm
Actuator Gesign of the actuating element Selector, short	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional elight source contact module yes color of the actuating element blue material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element actuating positions actuating angle elokowise 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 for railway applications according to EN 61373 Category 1, Class B	number of command points	1
principle of operation of the actuating element product extension optional light source	Actuator	
product extension optional light source	design of the actuating element	Selector, short
	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
ocontact module color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions actuating angle oclockwise anticlockwise anticlockwise front ring product component front ring design of the front ring material 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 60068-2-27 of railway applications according to EN 61373 category 1, Class B	product extension optional	
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element number of switching positions actuating angle clockwise 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 sinusoidal half-wave 15g / 11 ms Category 1, Class B	light source	Yes
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element actuating of the actuating element actuating of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions actuating angle clockwise anticlockwise anticlockwise 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 black General technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B	contact module	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions actuating angle	color of the actuating element	blue
outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions actuating angle • clockwise • 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 actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration, lext or symbol, can only be ordered via SIRIUS ACT configurator/Configurat	material of the actuating element	plastic
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions actuating angle • clockwise • anticlockwise 45° 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 protection till C 60068-2-27 • for railway applications according to EN 61373 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration lent or symbol, can only be ordered via SIRIUS ACT configurator/Configuration lent in substance 1	shape of the actuating element	Handle
configurator/Configuration Identification Number (CIN) number of switching positions actuating angle • clockwise • anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring color of the front ring glastic color of the front ring protection class IP protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Category 1, Class B	outer diameter of the actuating element	32.3 mm
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 plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Category 1, Class B	marking of the actuating element	
 clockwise anticlockwise 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 Front ring yes degree atherial 45° IP68 IP69 IP	number of switching positions	3
● anticlockwise 45° Front ring product component front ring Yes design of the front ring standard material of the front ring plastic color of the front ring black General technical data 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 ● for railway applications according to EN 61373 Category 1, Class B	actuating angle	
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 lP66, IP67, IP69(IP69K) degree of protection NEMA rating shock resistance ● according to IEC 60068-2-27 • for railway applications according to EN 61373 Yes standard plastic plastic IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B	• clockwise	45°
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 • for railway applications according to EN 61373 Yes standard plastic according to IP69, IP69, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 Shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms Category 1, Class B	anticlockwise	45°
design of the front ring material of the front ring plastic color of the front ring black General technical data protection class IP lP66, 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 • for railway applications according to EN 61373 Category 1, Class B	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 plastic plastic IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B	product component front ring	Yes
color of the front ring General technical data protection class IP lP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 black lP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 category 1, Class B	design of the front ring	standard
General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms ● 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	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	General technical data	
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	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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• for railway applications according to EN 61373 Category 1, Class B	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	vibration resistance	
• according to IEC 60068-2-6 10 500 Hz: 5g	according to IEC 60068-2-6	10 500 Hz: 5g
• 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	operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical 1 000 000	mechanical service life (switching cycles) typical	1 000 000

reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
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=3SU1002-2BL50-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BL50-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BL50-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BL50-0AA0-Z Y19&lang=en

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