SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, blue, selector switch, short, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h

product designation design of the product product type designation product line Plastic, black, 22 mm Plastic black bl	product brand name	SIRIUS ACT	
product type designation product line Plastic, black, 22 mm Plastic, short product extension options Product extension optional Plastic shape of the actuating element product extension optional Pes Color of the actuating element plastic plastic plastic plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating positions actuating angle Clockwise A5° Pront ring product component front ring design of the front ring product component front ring design of the front ring plastic color of the front ring plastic Color of the front ring plastic Color of the front ring plastic Plack Plack Profection 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	product designation	Selector switches	
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 momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional iight source Yes	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 elight source contact module color of the actuating element practical material of the actuating element actuating element blue material of the actuating element shape of the actuating element product extension optional elight source color of the actuating element plastic shape of the actuating element shape of the front geliement shape of the front ring elockwise 45° elockwise 45° front ring product component front ring design of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance eloccording to IEC 60068-2-27 elor railway applications according to EN 61373 Category 1, Class B	product type designation	3SU1	
number of command points Actuator design of the actuating element principle of operation of the actuating element elft, right latching product extension optional elight source yes contact module color of the actuating element material of the actuating element shape of the actuating element number of switching positions actuating angle elcockwise anticlockwise front ring product component front ring design of the front ring design of the front ring general technical data protection class IP degree of protection NEMA rating element 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, 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, 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, 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, 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, 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 left, r	product line	Plastic, black, 22 mm	
Actuator design of the actuating element principle of operation of the actuating element elight source ocolar module color of the actuating element shape of the actuating element plastic shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element outer dismeter of the actuating element octor dismeter of the actuating element octor dismeter of the actuating element octor wise actuating angle octor wise front ring product component front ring design of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance occording to IEC 60068-2-27 of or railway applications according to EN 61373 Selector, short momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching remember yets protection front plastic standard material of the front ring black General technical data protection class IP il P66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance occording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms Category 1, Class B	Enclosure		
design of the actuating element principle of operation of the actuating element product extension optional ilight source color of the actuating element material of the actuating element plastic shape of the actuating element number of switching positions actuating angle clockwise anticlockwise anticlockwise anticlockwise anticlockwise anticlockwise anticlocf the front ring material of the front ring glastic color of the front ring design of the front ring glastic 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 Category 1, Class B	number of command points	1	
principle of operation of the actuating element product extension optional light source contact module color of the actuating element material of the actuating element plastic shape of the actuating element number of switching positions actuating angle clockwise anticlockwise anticlockwise product component front ring design of the front ring material of the front ring material of the front ring product component front ring material of the front ring protuct component front ring material of the front ring material of the front ring protuct of the front ring material 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 material of the front rins category 1, Class B	Actuator		
left, right latching	design of the actuating element	Selector, short	
● contact module Color of the actuating element 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 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	principle of operation of the actuating element		
ocotract module color of the actuating element blue material of the actuating element shape of the actuating element outer diameter of the actuating element 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 protection class IP degree of protection NEMA rating story and actuating element protection tase IE of 60068-2-27 e for railway applications according to EN 61373 protection class B color of tase IP 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 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 • according to IEC 60068-2-27 • for railway applications according to EN 61373 blue material of the front element blue plastic plastic plastic plastic plastic plack General technical data protection class IP according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B	• light source	Yes	
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 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 sinusoidal half-wave 15g / 11 ms category 1, Class B	contact module	Yes	
shape of the actuating element outer diameter of the actuating element number of switching positions actuating angle	color of the actuating element	blue	
outer diameter of the actuating element number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise product component 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 32.3 mm 45° 45° 45° 45° 45° 45° 45° 4	material of the actuating element	plastic	
number of switching positions actuating angle • clockwise • anticlockwise 45° Front ring product component front ring yes 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 3 45° 45° 45° Yes 45° Pyes 45° Standard plastic standard plastic plastic standard standard standard plastic standard standard standard plastic standard sta	shape of the actuating element	Handle	
actuating angle • clockwise • anticlockwise • 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 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 45° Yes 45° Pyes 45° Pyes 45° Pes 4	outer diameter of the actuating element	32.3 mm	
 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 IP66, IP67, IP69(IP69K) degree of protection NEMA rating 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	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 Yes Yes 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 color of the front ring black General technical data protection class IP lefe, 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 lefe, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B	anticlockwise	45°	
design of the front ring material of the front ring color of the front ring black General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 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	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 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	product component front ring	Yes	
color of the front ring 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 • for railway applications according to EN 61373 black IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B	design 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 • 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	
vibration resistance	 for railway applications according to EN 61373 	Category 1, Class B	
	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		1 000 000	
reference code according to IEC 81346-2	reference code according to IEC 81346-2	S	

0.1.4	40/04/0044
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	



General Product Approval

Confirmation







Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate







Declaration of Conformity



Marine / Shipping

other



Environmental Confirmations Confirmation

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=3SU1002-2BP50-0AA0

Cax online generator

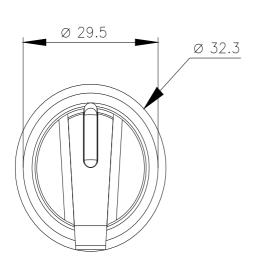
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1002-2BP50-0AA0

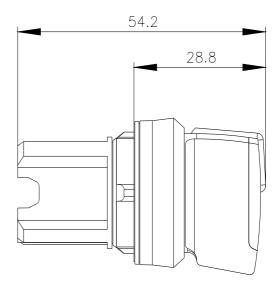
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1002-2BP50-0AA0

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1002-2BP50-0AA0&lang=en





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