SIEMENS

Data sheet

3SU1002-2BF30-0AA0



Selector switch, illuminable, 22 mm, round, plastic, yellow, selector switch, short, 2 switch positions O-I, latching, actuating angle 90° , 10:30h/13:30h

product brand name product designation design of the product 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 in light source enable color of the actuating element yes color of the actuating element praterial of the actuating element plastic shape of the actuating element puter diameter of the actuating element product extension optional elight source yes color of the actuating element plastic shape of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element outer diameter of the actuating element shape of the actuating positions actuating angle eclockwise 90° Front ring product component front ring testing and the front ring standard material of the front ring plastic
design of the product 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 yes contact module yes color of the actuating element plastic shape of the actuating element plastic shape of the actuating element actuating element outer diameter of the actuating element 32.3 mm number of switching positions 2 actuating angle e clockwise 90° Front ring product component front ring Yes design of the front ring Standard
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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, 90° (10:30 h/13:30 h) product extension optional • light source Yes • contact module Yes color of the actuating element yellow material of the actuating element plastic shape of the actuating element Handle outer diameter of the actuating element 32.3 mm number of switching positions 2 actuating angle • clockwise 90° Front ring product component front ring Yes design of the front ring standard
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Front ring product component front ring design of the front ring standard
product component front ring design of the front ring standard
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
• acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373 Category 1, Class B
vibration resistance
• acc. to IEC 60068-2-6 10 500 Hz: 5g
• for railway applications acc. to DIN EN 61373 Category 1, Class B
operating frequency maximum 1 800 1/h
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mechanical service life (operating cycles) typical 1 000 000

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Substance Prohibitance (Date)	01.10.2014 00:00:00			
Safety related data				
B10 value with high demand rate acc. to SN 31920	100 000			
proportion of dangerous failures				
 with low demand rate acc. to SN 31920 	20 %			
 with high demand rate acc. to SN 31920 	20 %			
failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT			
T1 value for proof test interval or service life acc. to IEC 61508	20 y			
Ambient conditions				
ambient temperature				
 during operation 	-25 +70 °C			
during storage	-40 +80 °C			
environmental category during operation acc. to IEC 60721	3M6	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %)		
Installation/ mounting/ dimensions				
height	32.3	32.3 mm		
width	32.3	32.3 mm		
shape of the installation opening	roun	round		
mounting diameter	22.3	22.3 mm		
positive tolerance of installation diameter	0.4 r	0.4 mm		
mounting height	28.8	28.8 mm		
installation width	32.3	32.3 mm		
installation depth	25.4	25.4 mm		
Certificates/ approvals				
General Product Approval		Declaration of Conformity	Test Certificates	









Test Certificates

Marine / Shipping





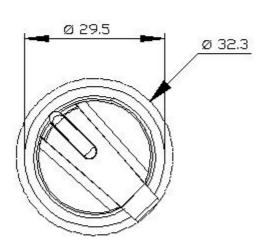


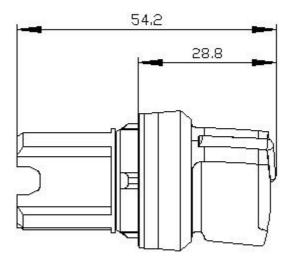




other

Further information





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