## SIEMENS

## Data sheet

## 3SU1002-2BL50-0AA0

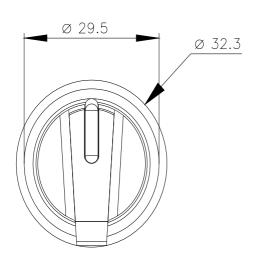


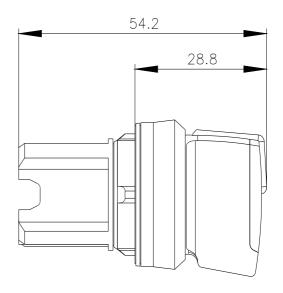
Selector switch, illuminable, 22 mm, round, plastic, blue, selector switch, short, 3 switch positions I-O-II, latching, actuating angle  $2x45^\circ,\,10:30h/12h/13:30h$ 

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Actuating/signaling element
product type designation	3SU1
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	plastic
shape of the actuating element	Handle
outer diameter of the actuating element	32.3 mm
number of switching positions	3
actuating angle	
clockwise	45°
<ul> <li>anticlockwise</li> </ul>	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	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating 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	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %

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with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920			20 %			
Ambient conditions		o SN 31920 1	00 FIT			
Ambient conditions						
ambient temperature						
<ul> <li>during operation</li> </ul>		-2	25 +70 °C			
<ul> <li>during storage</li> </ul>		-4	-40 +80 °C			
environmental category during operation according to IEC 60721		g to IEC 3	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)			
Environmental footprin	t					
Environmental Product	Declaration(EPD)	Y	es			
Global Warming Poten	tial [CO2 eq] total	0	0.787 kg			
	tial [CO2 eq] during manufa		0.566 kg			
Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation			0.235 kg			
global warming potential [CO2 eq] after end of life			).015 kg			
nstallation/ mounting/			in the rig			
height		3	2.3 mm			
width			2.3 mm			
	ion opening					
shape of the installati	ion opening		ound			
mounting diameter	inetelletien diem f		2.3 mm			
positive tolerance of	Installation diameter		.4 mm			
mounting height			8.8 mm			
installation width		3	2.3 mm			
installation depth		2	5.4 mm			
Approvals Certificates						
Test Certificates		Marine / Shipping				
Test Certificates		Marine / Shipping				
Test Certificates	<u>Special Test Certific-</u> <u>ate</u>	Marine / Shipping	Lloyd's Register us	PRS	RINA	
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagram http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2BL50-0AA0&lang=en





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