## SIEMENS

## Data sheet

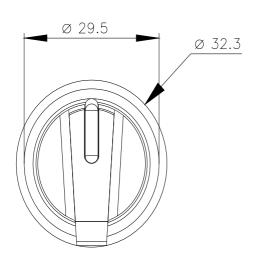
## 3SU1002-2BP20-0AA0

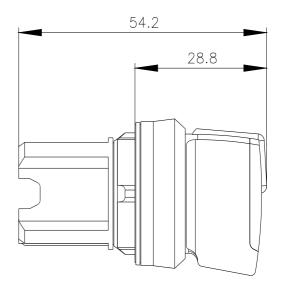


Selector switch, illuminable, 22 mm, round, plastic, red, selector switch, short, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle  $2x45^{\circ}$ , 10:30h/12h/13:30h

product 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	momentary contact/latching, $2x45^\circ$ (10:30 h/12 h/13:30 h), return from left, right latching
product extension optional	
light source	Yes
contact module	Yes
color of the actuating element	red
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°
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	
<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	

	rate according to SN 31920					
	d rate according to SN 3192		20 % 100 FIT			
failure rate [FIT] with low	w demand rate according to	SN 31920 100	FIT			
Ambient conditions						
ambient temperature						
<ul> <li>during operation</li> </ul>			+70 °C			
during storage			-40 +80 °C			
environmental category during operation according to IEC 60721		to IEC 3M6	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)			
Environmental footprint	t					
Environmental Product	Declaration(EPD)	Yes				
Global Warming Potential [CO2 eq] total			0.787 kg			
Global Warming Potential [CO2 eq] during manufacturing		cturing 0.56	6 kg			
Global Warming Potential [CO2 eq] during operation		n 0.23	5 kg			
global warming potential [CO2 eq] after end of life		-0.0	15 kg			
Installation/ mounting/ o	dimensions					
height		32.3	mm			
width		32.3	mm			
shape of the installation	on opening	rour				
mounting diameter		22.3	mm			
positive tolerance of i	nstallation diameter	0.4				
mounting height		28.8				
installation width			mm			
installation depth		25.4	mm			
Approvals Certificates						
General Product App				Declaration of Con		
<b>CS</b> 1		<u> </u>	LIIL	EG-Konf	UK	
CSA		UL	LIIL	EG-Konf.	CA	
CSA Test Certificates		UL Marine / Shipping	LIIL	EG-Konf.	CA	
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