SIEMENS

Data sheet

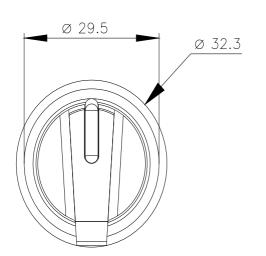
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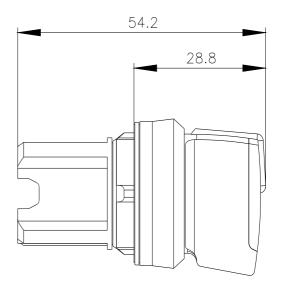


Selector switch, illuminable, 22 mm, round, plastic, red, selector switch, short, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h

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/momentary contact, $2x45^{\circ}$ (10:30 h/12 h/13:30 h), return from right, left 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	
 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
 for railway applications according to EN 61373 	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	

 with low demand 	I rate according to SN 31920	20 %	, D			
with high demand rate according to SN 31920			20 %			
failure rate [FIT] with low demand rate according to SN 31920		SN 31920 100	100 FIT			
Ambient conditions						
ambient temperature						
 during operation 		-25	+70 °C			
during storage		-40	-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 footprin	t					
Environmental Product	Declaration(EPD)	Yes				
Global Warming Potential [CO2 eq] total			0.787 kg			
Global Warming Potential [CO2 eq] during manufacturing			0.566 kg			
Global Warming Potential [CO2 eq] during operation		n 0.23	5 kg			
global warming potential [CO2 eq] after end of life			15 kg			
Installation/ mounting/			Ŭ			
height		32.3	mm			
width		32.3	mm			
shape of the installati	on opening	rour	d			
mounting diameter		22.3	mm			
positive tolerance of i	installation diameter	0.4	nm			
mounting height		28.8	mm			
installation width		32.3	mm			
installation depth		25.4	mm			
Approvals Certificates						
General Product App	roval			Declaration of Confor	mity	
				UK		
Tost Cortificatos		Marina / Shinning				
Test Certificates		Marine / Shipping				
Test Certificates	Special Test Certific- ate	Marine / Shipping	Hoyds Register uis	PRS	RINA	
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