SIEMENS

Data sheet

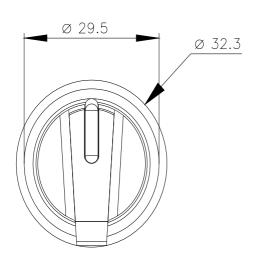
3SU1002-2BM20-0AA0

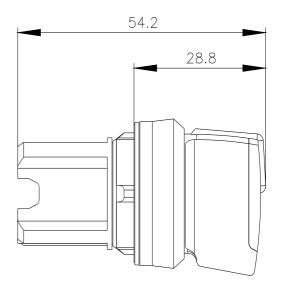


Selector switch, illuminable, 22 mm, round, plastic, red, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h

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	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
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
vibration resistance	
 according to IEC 60068-2-6 	10 500 Hz: 5g
 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 der	mand rate according to SN	31920 300	000			
proportion of dangero	ous failures					
 with low demand 	rate according to SN 3192	20 20 %)			
 with high demand rate according to SN 31920)			
failure rate [FIT] with low demand rate according to SN 31920			100 FIT			
mbient conditions	J. J					
ambient temperature						
during operation		-25	+70 °C			
 during storage 			-25 +70 C			
	during operation accordin			ith relative air humidity of <i>'</i>	10 95%)	
60721	during operation accordin		, 302, 302, 303, 310 (W		10 3370)	
stallation/ mounting/ c	dimensions					
height		32.3	mm			
width		32.3	mm			
shape of the installation	on opening	roun	d			
mounting diameter		22.3	mm			
positive tolerance of in	nstallation diameter	0.4 r	nm			
mounting height		28.8	mm			
installation width		32.3				
installation depth		25.4				
ertificates/ approvals						
General Product Appr	roval			Declaration of Confo	a maite c	
General Froduct Appl	loval			Declaration of control	-	
		\mathbf{C}	LIIL	EG Kond		
CSA		UL	LIIL	EG-Konf.	CA	
CSA Test Certificates		UL Marine / Shipping	LIIL	EG-Konf.	CA	
Test Certificates	<u>Special Test Certific-</u> ate	Marine / Shipping	L Lovd's Register Us	EG-Konf.		
Type Test Certific-		UL Marine / Shipping	L IIIL Hoyds Register Us	EG-Konf.		
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