## SIEMENS

## Data sheet

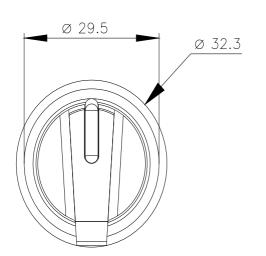
## 3SU1002-2BP30-0AA0

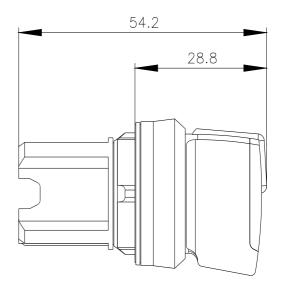


Selector switch, illuminable, 22 mm, round, plastic, yellow, selector switch, short, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle  $2x45^{\circ}$ , 10:30h/12h/13:30h

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° (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	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	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		
vibration resistance			
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g		
<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		

afety related data				
B10 value with high demand rate a	according to SN 31920	300 000		
proportion of dangerous failures	3			
<ul> <li>with low demand rate accord</li> </ul>	ding to SN 31920	20 %		
<ul> <li>with high demand rate accord</li> </ul>	rding to SN 31920	20 %		
failure rate [FIT] with low demand r	rate according to SN 31920	100 FIT		
Ambient conditions				
ambient temperature				
<ul> <li>during operation</li> </ul>		-25 +70 °C		
<ul> <li>during storage</li> </ul>		-40 +80 °C		
environmental category during ope 60721	eration according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (w	ith relative air humidity of 10	) 95%)
nstallation/ mounting/ dimension	S			
height		32.3 mm		
width		32.3 mm		
shape of the installation opening	g	round		
mounting diameter		22.3 mm		
positive tolerance of installation	diameter	0.4 mm		
mounting height		28.8 mm		
installation width		32.3 mm		
installation depth		25.4 mm		
Certificates/ approvals				
General Product Approval			Declaration of Confor	una ita c
Conf CSA Test Certificates	firmation UL Marine / Ship		CE EG-Konf.	UK CA
Test Certificates           Type Test Certific-         Special		opping	C C EG-Konf.	
Test Certificates           Type Test Certific-         Special	Marine / Ship Test Certific- ate	Lloyds Register	EG-Konf.	
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