SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, yellow, 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 with metal front ring, matt, 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	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	Metal, matt		
color of the front ring	sand gray		
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			

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proportion of dangerous failures					
 with low demand rate according to SN 31920 	20 %	20 %			
 with high demand rate according to SN 31920 	20 %	20 %			
B10 value with high demand rate according to SN 31920	300 0	300 000			
failure rate [FIT] with low demand rate according to SN 31920	100 F	100 FIT			
Ambient conditions					
ambient temperature					
 during operation 	-25	-25 +70 °C			
during storage	-40	-40 +80 °C			
environmental category during operation according to IEC 60721	3M6,	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)			
Installation/ mounting/ dimensions					
height	32.3 ו	32.3 mm			
width	32.3 ו	32.3 mm			
shape of the installation opening	round	round			
mounting diameter	22.3 ו	22.3 mm			
positive tolerance of installation diameter	0.4 m	0.4 mm			
mounting height	28.8 ו	28.8 mm			
installation width	32.3 ו	32.3 mm			
installation depth	25.4	25.4 mm			
Approvals Certificates					
General Product Approval		Test Certificates	Marine / Shipping		







Special Test Certificate





Marine / Shipping

other





Confirmation

Information on the packaging

om/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1032-2BL30-0AA0

Cax online generator

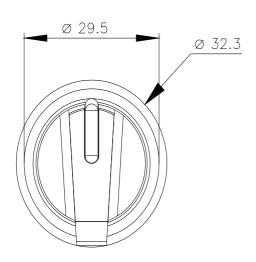
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BL30-0AA0

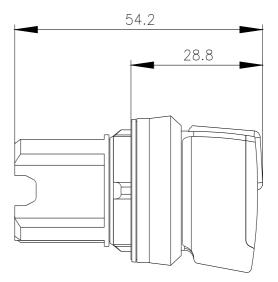
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BL30-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BL30-0AA0&lang=en





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