SIEMENS

Data sheet

3SU1032-2BF30-0AA0-Z X90



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, yellow, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, Z=50-unit packaging

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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, 90° (10:30 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	2	
actuating angle		
clockwise	90°	
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 (switching 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	100 000
proportion of dangerous failures	
 with low demand rate according to SN 31920 	20 %
 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
 during operation 	-25 +70 °C
 during storage 	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)
Installation/ mounting/ dimensions	
height	32.3 mm
width	32.3 mm
shape of the installation opening	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	
Further information	

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

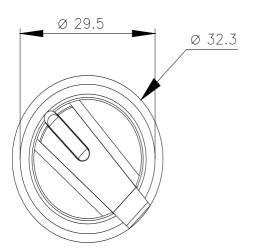
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1032-2BF30-0AA0-Z X90

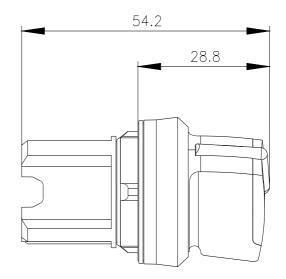
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2BF30-0AA0-Z X90 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2BF30-0AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2BF30-0AA0-Z X90&lang=en





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