SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic, black, 4 switch positions, momentary contact type, with mechanical interlocking, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product product type designation product type designation product type designation product type designation product line Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional legistry legistry legistry legistry legistry shape of the actuating element pouter diameter of the actuating element shape of the actuating element puter diameter of the actuating element pouter diameter of the actuating element protection of actuating element Any inscription, text in upper/lower case, every line begins with upper case letter push-to-unlatch mechanism product component front ring product component front ring product component front ring plastic color of the front ring design of the front ring plastic color of the front ring design of the front ring color of the front ring design of the front ring design of the front ring plastic color of the front ring design of the front ring element lip6s, IP67 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance a according to IEC 60068-2-7 vibration resistance a according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) as operating period per direction of actuation typical reference code according to IEC 60068-2-8 S	product brand name	SIRIUS ACT
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Ight source Contact module Yes	direction of actuation	horizontal / vertical
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number of switching positions Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring plastic color of the front ring black General technical data protection class IP IP65, IP67 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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 2 400 1/h mechanical service life (switching cycles) • as operating period per direction of actuation typical 500 000	marking of the actuating element	
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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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 2 400 1/h mechanical service life (switching cycles) • as operating period per direction of actuation typical 500 000	General technical data	
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operating frequency maximum 2 400 1/h mechanical service life (switching cycles) • as operating period per direction of actuation typical 500 000	vibration resistance	
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• as operating period per direction of actuation typical 500 000	operating frequency maximum	2 400 1/h
	mechanical service life (switching cycles)	
reference code according to IEC 81346-2 S	 as operating period per direction of actuation typical 	500 000
	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	250 000
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	30.5 mm
width	30.5 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	75.6 mm
installation width	30.5 mm
installation depth	25.5 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=3SU1000-7BF10-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-7BF10-0AA0-Z Y10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-7BF10-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-7BF10-0AA0-Z Y10&lang=en

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