SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic with metal front ring, black, 4 switch positions, latching, without 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 Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional legistry legistry logistry logis	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source color of the actuating element black material of the actuating element outer diameter of the actuating element and in the actuating element shape of the actuating element outer diameter of the actuating element and in the actuating element and in the actuating element and in the actuating element outer diameter of the actuating element and in the actuation element element and in the actuation element and in the actuating element and in the actuation element and in	product designation	Coordinate switches
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Ight source Contact module Yes	direction of actuation	horizontal / vertical
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marking of the actuating element number of switching positions Maximum deflection angle [°] product component front ring design of the front ring material of the front ring Metal, matt color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum and yinscription, text in upper/lower case, every line begins with upper case letter Any inscription, text in upper/lower case, every line begins with upper case letter 4 4 4 4 4 4 4 4 4 4 4 4 4	shape of the actuating element	Extended handle
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protection class IP 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 mechanical service life (switching cycles) • as operating period per direction of actuation typical reference code according to IEC 81346-2 S	material of the front ring	Metal, matt
protection class IP 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 prochanical service life (switching cycles) • as operating period per direction of actuation typical reference code according to IEC 81346-2 S	color of the front ring	sand gray
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• as operating period per direction of actuation typical reference code according to IEC 81346-2 S	operating frequency maximum	2 400 1/h
reference code according to IEC 81346-2 S	mechanical service life (switching cycles)	
	as operating period per direction of actuation typical	100 000
Substance Prohibitance (Date) 10/01/2014	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	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	71.3 mm
installation width	30.5 mm
installation depth	25.6 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=3SU1030-7AE10-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-7AE10-0AA0-Z Y10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-7AE10-0AA0-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=3SU1030-7AE10-0AA0-Z Y10&lang=en

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