SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic with metal front ring, black, 2 switch positions, horizontal, momentary contact type, without mechanical interlocking, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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 light source color of the actuating element material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions 2 Maximum deflection angle [*] Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Metal, matt solor of the front ring sand gray Ceneral 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 mechanical service life (witching cycles) as operating period per direction of actuation typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 100.1/2014	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 contact module roter of the actuating element material of the actuating element plastic shape of the actuating element puter diameter of the actuating element arking of the actuating element marking of the actuating element arking of the actuating element product extension options 2 Maximum deflection angle [*] 30° Erront ring product component front ring design of the front ring design of the front ring material of the front ring sand gray Ceneral technical data protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) a so operating period rection of actuation typical reference code according to IEC 81346-2 SSUID Actuation resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) a so operating periode code according to IEC 81346-2 SSUID Actuation resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) a so operating periode per direction of actuation typical reference code according to IEC 81346-2	product designation	Coordinate switches
product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element momentary contact type direction of actuation product extension optional • light source No contact module Yes color of the actuating element plastic shape of the actuating element shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element arking of the forthing positions 2 Maximum deflection angle [*] 30° Front ring product component front ring Yes design of the front ring high material of the front ring sand gray 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 60068-2-6 10 500 Hz: 5g operating frequency maximum elements of the actuating typical reference code according to IEC 60068-2-8 out of the structure of the actuating typical reference code according to IEC 81346-2 S	design of the product	Actuating/signaling element
Inumber of command points Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional	product type designation	3SU1
number of command points Actuator	product line	Plastic with metal front ring, matt, 22 mm
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product extension optional light source No	principle of operation of the actuating element	momentary contact type
Ilight source No	direction of actuation	horizontal
ocolar contact module color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element and so see th	product extension optional	
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marking of the actuating element number of switching positions 2 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 protection of actuation typical as operating period per direction of actuation typical reference code according to IEC 81346-2 Any inscription, text in upper/lower case, all words begin with upper case letters 2 Any inscription, text in upper/lower case, all words begin with upper case letters 2 30° Front ring Yes high Metal, matt sand gray 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 Operating frequency maximum 2 400 1/h mechanical service life (switching cycles) as operating period per direction of actuation typical reference code according to IEC 81346-2	shape of the actuating element	Extended handle
number of switching positions Auximum deflection angle [*] 30°	outer diameter of the actuating element	30.5 mm
Maximum deflection angle [*] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Sand gray 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 reference code according to IEC 81346-2 S	marking of the actuating element	
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operating frequency maximum 2 400 1/h mechanical service life (switching cycles) • as operating period per direction of actuation typical reference code according to IEC 81346-2 S	vibration resistance	
mechanical service life (switching cycles) • as operating period per direction of actuation typical reference code according to IEC 81346-2 S	according to IEC 60068-2-6	10 500 Hz: 5g
• 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	mechanical service life (switching cycles)	
	as operating period per direction of actuation typical	500 000
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	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	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=3SU1030-7AC10-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-7AC10-0AA0-Z Y15

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-7AC10-0AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-7AC10-0AA0-Z Y15&lang=en

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