SIEMENS

Data sheet



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

product type designation design of the product product type designation design of the actuating plant design of the actuating plant direction of actuation product extension optional light source color of the actuating element product extension optional plant direction of actuation product extension optional light source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element put diameter of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions Awaimum deflection angle [*] Front ring product component front ring design of the front ring material of the front ring design of the front ring material of the front ring sand gray General technical data protection class IP degree of protection NEMA rating 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 mechanical service life (witching cycles) as operating period per direction of actuation typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) 100.01/2014	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 color of the actuating element material of the actuating element plastic shape of the actuating element any inscription, text in upper/lower case, all words begin with upper case letters number of switching positions Maximum deflection angle [**] product component front ring product component front ring design of the front ring material of the front ring material of the front ring sand gray 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 mechanical service life (switching cycles) as operating genetic protection of actuation typical reference code according to IEC 81346-2 SSUIT Microstrip, matt, 22 mm Mithout mechanical front ring, inches in the protection of actuation typical reference code according to IEC 81346-2 SSUIT Microstrip, matt, 22 mm without mechanical service life (switching cycles) a so operating periode of actuation typical reference code according to IEC 81346-2	product designation	Coordinate switches
product line Enclosure number of command points Actuator design of the actuating element without mechanical interlock principle of operation of the actuating element without mechanical interlock principle of operation of the actuating element wertical vertical product extension optional • light source No • contact module Yes color of the actuating element plastic shape of the actuating element plastic shape of the actuating element arriving of the forting 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 2400 IFC 60068 • a so operating period per direction of actuation typical reference code according to IEC 81346-2 S	design of the product	Actuating/signaling element
number of command points Actuator design of the actuating element without mechanical interlock principle of operation of the actuating element latching direction of actuation vertical product extension optional • light source No • contact module Yes color of the actuating element black material of the actuating element plastic shape of the actuating element shape of the actuating element arrivation of the actuating element plastic shape of the actuating element plastic plastic plastic plastic shape of the actuating element arrivation of the actuation element arrivation of actuation element arrivation of actuation element arrivation of actuation element arrivation of actuation element arrivation arrivation of actuation element arrivation of actuation element arrivation of actuation element arrivation of actuation element arrivation element a	product type designation	3SU1
number of command points Actuator	product line	Plastic with metal front ring, matt, 22 mm
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design of the actuating element principle of operation of the actuating element direction of actuation product extension optional • light source • contact module color of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element 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 material of the front ring foreneral technical data protection class IP degree of protection NEMA rating high shock resistance • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6 operating frequency maximum preference code according to IEC 81346-2 vibration resistance • as operating period per direction of actuation typical reference code according to IEC 81346-2 S	number of command points	1
principle of operation of the actuating element direction of actuation product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element arking of the actuating element number of switching positions 2 Maximum deflection angle [*] Front ring product component front ring design of the front ring material of the front ring design of the front ring color of the front ring degree of protection NEMA rating protection class IP degree of protection NEMA rating shock resistance according to IEC 80068-2-6 operating frequency maximum mechanical service life (switching cycles) a so operating period per direction of actuation typical reference code according to IEC 81346-2 No No See extended handle Extended handle Sextended handle Sextended handle Any inscription, text in upper/lower case, all words begin with upper case letters as letters 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters as letters 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as letters Any inscription, text in upper/lower case, all words begin with upper case letters as l	Actuator	
direction of actuation product extension optional light source Contact module Yes	design of the actuating element	without mechanical interlock
product extension optional light source	principle of operation of the actuating element	latching
Ilight source No	direction of actuation	vertical
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, smm 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 [°] yes design of the front ring product component front ring high material of the front ring color of the front ring sand gray General 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) • as operating period per direction of actuation typical reference code according to IEC 81346-2 Yes Latended handle Extended handle Extended handle Extended handle 2xtended handle Extended handle 2xtended handle 2xtended handle 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters 4 protection ring Yes 4 design of the front ring Any inscription, text in upper/lower case, all words begin with upper case letters 9 and yes 10	product extension optional	
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shape of the actuating element outer diameter of the actuating element 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 material 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 action of actuation typical reference code according to IEC 81346-2 Extended handle 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters 10.5 maximum period letters 10.5 maximum period handle 30.5 mm Any inscription, text in upper/lower case, all words begin with upper case letters 10.5 maximum period handle 10.5 maximum period handle 10.5 maximum period handle 10.5 maximum period per direction of actuation typical 100 000 reference code according to IEC 81346-2 S	color of the actuating element	black
outer diameter of the actuating element 30.5 mm 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 [°] 30° Front ring Yes product component front ring high design of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g operating frequency maximum 2 400 1/h mechanical service life (switching cycles) 4 as operating period per direction of actuation typical 100 000 reference code according to IEC 81346-2 S	material of the actuating element	plastic
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 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 perference 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 Metal, matt sand gray IP65, IP67 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-7 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	shape of the actuating element	Extended handle
number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color 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	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 Metal, matt color 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	
product component front ring design of the front ring material of the front ring material of the front ring 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 mechanical service life (switching cycles) • as operating period per direction of actuation typical reference code according to IEC 81346-2 S Metal, matt Metal, matt Metal, matt Sand gray IP65, IP67 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating period per direction of actuation typical	number of switching positions	2
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Sand gray General technical data 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 operating frequency maximum caccording to IEC 60068-2-6 operating frequency maximum according to IEC 60068-2-6 operating frequency maximum according to IEC 81346-2 S	Maximum deflection angle [°]	30°
design of the front ring material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP lP65, 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	Front ring	
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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 mechanical service life (switching cycles) • as operating period per direction of actuation typical reference code according to IEC 81346-2 sand gray IP65, IP67 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g 2 400 1/h mechanical service life (switching cycles) sand gray	design of the front ring	high
protection class IP degree of protection NEMA rating 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 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	color of the front ring	sand gray
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	General technical data	
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	protection class IP	IP65, IP67
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	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance	shock 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 	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
operating frequency maximum 2 400 1/h mechanical service life (switching cycles) • as operating period per direction of actuation typical 100 000 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 	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=3SU1030-7AB10-0AA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-7AB10-0AA0-Z Y15

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-7AB10-0AA0-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=3SU1030-7AB10-0AA0-Z Y15&lang=en

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