SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic, black, 4 switch positions, latching, without mechanical interlocking, with laser labeling, inscription or symbol, Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product type designation product type designation product type designation product line Plastic, black, 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 or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Maximum deflection angle [*] Front ring product component front ring design of the front ring plastic color of the front ring shock resistance according to IEC 60068-2-27 vibration 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 Substance Prohibitance (Date) 100.11/2014	product brand name	SIRIUS ACT	
product type designation product line Plastic, black, 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 pouter diameter of the actuating element and in the actuating element plastic shape of the actuating element and in the actuation element element and in the actuation element and in the actuating element and in	product designation	Coordinate switches	
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number of command points Actuator	product line	Plastic, black, 22 mm	
design of the actuating element without mechanical interlock isolated by the actuating element direction of actuation product extension optional elight source No econtact module Yes color of the actuating element black material of the actuating element plastic shape of the actuating element arX isolated by the actuating algorithm arX isolated by the actuation arX isolated by the actuating algorithm arX isolated by the actuation algorithm arX isolated by actuation arX isolated by actuation arX isolated by actuation actuation arX isolated by actuation ac	Enclosure		
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product extension optional light source No	principle of operation of the actuating element	latching	
● contact module color of the actuating element black material of the actuating element material of the front ring color of the front ring color of the front ring black 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 Extended handle State Lake Heack Maximum defloction a 0.5 mm Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Config	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 protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-7 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 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration lentification Number (CIN) 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration lentification Number (CIN) 4 30° Front ring Yes high plastic black Bleck Bleck IP65, IP67 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 period per direction of actuation typical reference code according to IEC 81346-2 S	shape of the actuating element	Extended handle	
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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 reference code according to IEC 81346-2 S	marking of the actuating element		
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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 according to IEC 60068-2-6 perating frequency maximum according to IEC (switching cycles) as operating period per direction of actuation typical reference code according to IEC 81346-2 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms 2 400 1/h 100 000 100 000 100 000 100 000 100 000	General technical data		
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vibration resistance	shock resistance		
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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 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=3SU1000-7AE10-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-7AE10-0AA0-Z Y19

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-7AE10-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-7AE10-0AA0-Z Y19&lang=en

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