SIEMENS

Data sheet



key-operated switch Siemens, 22 mm, round, metal, shiny, special lock, with 2 keys, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h, key removal II

Product designation Key-operated switches	product brand name	SIRIUS ACT
design of the product product type designation and product type designation and product type designation and product type designation and product type product line and the product extension optional light source and the actuating element are actuating element	•	Kev-operated switches
product type designation 3SU1 product line Metal, shiny, 22 mm cloud to recitation Metal, shiny, 22 mm principle of operation of the actuating element momentary contact/flatching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching latching activating per product extension optional light source No color vibre No e of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Key unable of switching positions 3 switch position for key distraction II actuating angle 45° e clockwise 45° e anticlockwise 45° e anticlockwise 45° e anticlockwise 45° design of the front ring Yes design of the front ring Yes design of the front ring Metal, high gos color of the front ring Metal, high gos color of the front ring 1P66, IP67, IP69(IP69K) protection class IP IP66, IP67, IP69(IP69K) protection resistance ac		
product line Metal, shiny, 22 mm Variation Metal, shiny, 22 mm Variation Metal, shiny, 22 mm Variation Metal, shiny, 22 mm Variation Metal, shiny, 22 mm Variation Metal, shiny, 22 mm Metal shiny Metal, shiny, 22 mm Metal shiny, 22 mm Meta		
principle of operation of the actuating element a cooling to the actuating element and into thing product extension optional light source before the actuating element and into the actuating angle and into the actuating element and into the actuating angle and actuating angle and into the actuating angle an		Metal, shiny, 22 mm
latching product extension optional light source of the actuating element of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating element number of switching positions switch position for key distraction number of switching apple oclockwise onticlockwise onticl	Actuator	
color	principle of operation of the actuating element	
of the actuating element metal material of the actuating element Key couter diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction II actuating angle	product extension optional light source	No
material of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction II actuating angle	color	
shape of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction II actuating angle	of the actuating element	silver
outer diameter of the actuating element number of switching positions switch position for key distraction actuating angle clockwise clockwise clockwise anticlockwise design of the front ring design of the front ring sliver color of the front ring sliver seneral technical data protection class IP of the terminal 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 (operating cycles) typical solution reference code according to IEC 81346-2 Substance Prohibitance (Date) Substance Prohibitance (Substance (Date) Substance (Date) Substance Prohibitance (Date) Substance Substance (Date) Substance Substance (Date) Substance Prohibitance (Date) Substance Prohibitance (Date) Substance Prohibitance (Date) Substance Substance (Date) Substance Prohibitance (Date) Substance Substance (Date) Substance Prohibitance (Date) Substance Substance Substance (Date) Substance Subst	material of the actuating element	metal
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actuating angle	number of switching positions	3
clock wise anticlockwise anticlockwise anticlockwise siemens contring product component front ring design of the front ring color of the front ring silver color of the front ring silver protection class IP of the terminal 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 (operating cycles) typical protected data B10 value with high demand rate according to SN 31920 300 000	switch position for key distraction	II
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design of the front ring material of the front ring color of the front ring silver Seneral technical data protection class IP of the terminal 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 1 800 1/h mechanical service life (operating cycles) typical solutions according to IEC 81346-2 Substance Prohibitance (Date) 810 value with high demand rate according to SN 31920 300 000	Front ring	
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color of the front ring General technical data protection class IP of the terminal IP20 degree of protection NEMA rating sinusoidal half-wave 15g / 11 ms vibration resistance o according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance o according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 300 000 10/01/2014 Safety related data B10 value with high demand rate according to SN 31920 300 000	design of the front ring	Standard
protection class IP of the terminal lp20 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 810 value with high demand rate according to SN 31920 9166, IP67, IP69(IP69K) IP20 IP66, IP67, IP69(IP69K) IP69(IP69K) IP69(IP69K) IP69(IP69K) IP66, IP67, IP69(IP69K)	material of the front ring	Metal, high gloss
protection class IP	color of the front ring	silver
of the terminal 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Safety related data B10 value with high demand rate according to SN 31920 300 000	General technical data	
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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Safety related data B10 value with high demand rate according to SN 31920 300 000	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance	of the terminal	IP20
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 1 800 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Safety related data B10 value with high demand rate according to SN 31920 300 000	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Safety related data B10 value with high demand rate according to SN 31920 300 000	shock resistance	
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operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Safety related data B10 value with high demand rate according to SN 31920 300 000	vibration resistance	
mechanical service life (operating cycles) typical 300 000 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 300 000	according to IEC 60068-2-6	10 500 Hz: 5g
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 300 000	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) 10/01/2014 Bafety related data B10 value with high demand rate according to SN 31920 300 000	mechanical service life (operating cycles) typical	300 000
B10 value with high demand rate according to SN 31920 300 000	reference code according to IEC 81346-2	S
B10 value with high demand rate according to SN 31920 300 000	Substance Prohibitance (Date)	10/01/2014
·	Safety related data	
proportion of dangerous failures	B10 value with high demand rate according to SN 31920	300 000
	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	29.5 mm
width	29.5 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	61 mm
installation width	29.5 mm
installation depth	25.4 mm
Certificates/ approvals	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1050-5BP31-0AA0-Z Y01

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1050-5BP31-0AA0-Z~Y01}$

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BP31-0AA0-Z Y01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5BP31-0AA0-Z Y01&lang=en

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