SIEMENS

Data sheet



Key-operated switch BKS, 22 mm, round, plastic with metal front ring, lock number S1, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, lower case

product designation design of the product product type designation product active article number of included key Actuator principle of operation of the actuating element product extension optional light source color • of the actuating element sliver material of the actuating element shape of the actuating element shape of the actuating element Actuating of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise bock make key number 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 sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance a according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance a cording to IEC 60068-2-6 of or railway applications according to EN 61373 operating frequency maximum nechanical service life (switching cycles) typical	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of included key Actuator principle of operation of the actuating element principle of operation optional light source of the actuating element metal shape of the actuating element metal shape of the actuating element Mary inscription, text in lower case number of switching positions witching positions as witch position for key distraction actuating angle outer diameter of the actuating element Any inscription, text in lower case number of switching positions as witch position for key distraction Oactuating angle olockwise 45° outer diameter of the actuating element Any inscription, text in lower case number of switching positions as switch position for key distraction Oactuating angle olockwise 45° onticlockwise 45° onticlockwise 45° lock make BCS key number S1 Front ring product component front ring Standard material of the front ring Standard protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-0 of railway applications according to EN 61373 vibration resistance according to IEC 60068-2-0 or railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h	product designation	Key-operated switches
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manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source color	product type designation	3SU1
Actuator principle of operation of the actuating element product extension optional light source of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element waterial of the actuating element shape of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise anticlockwise front ring product component front ring design of the front ring standard material of the front ring color of the front ring sand gray General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of railway applications according to EN 61373 operating frequency maximum mental silver metal silver wetal silver metal silver wetal silver	product line	Plastic with metal front ring, matt, 22 mm
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outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in lower case number of switching positions 3 switch position for key distraction 0 actuating angle 45° e clockwise 45° e anticlockwise 8CS key number S1 Front ring product component front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP IP66, IP67, IP69(IP69K) e of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms e for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g e for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	material of the actuating element	metal
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protection class IP	material of the front ring	Metal, matt
protection class IP	color of the front ring	sand gray
● 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 • for railway applications according to EN 61373 Category 1, Class B vibration resistance ● according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	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 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	of the terminal	IP20
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vibration resistance	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
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● for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	vibration resistance	
operating frequency maximum 1 800 1/h	according to IEC 60068-2-6	10 500 Hz: 5g
	 for railway applications according to EN 61373 	Category 1, Class B
mechanical service life (switching cycles) typical 1 000 000	operating frequency maximum	1 800 1/h
	mechanical service life (switching cycles) typical	1 000 000

reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
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	56.3 mm
installation width	29.5 mm
installation depth	25.4 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=3SU1030-5PM01-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5PM01-0AA0-Z Y12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5PM01-0AA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5PM01-0AA0-ZY12&lang=en

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