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, latching, actuating angle $2x45^{\circ},\,10:30h/12h/13:30h,$ Key removal I+II, with laser labeling, lower case

product designation design of the product product type designation product sanction and the actuating element product extension optional light source principle of operation of the actuating element product extension optional light source of the actuating element sliver material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element product diameter of the actuating element Any inscription, text in lower case number of switching positions witch position for key distraction actuating angle clockwise anticlockwise shariclockwise sharic	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 product extension optional light source of the actuating element shape of the actuating element metal shape of the actuating element metal shape of the actuating element Mary inscription, text in lower case marking of the actuating element Any inscription, text in lower case mumber of switching positions switching positions as witch position for key distraction Hill actuating angle olockwise 45° lock make BCS key number S1 Ick make BCS key number S1 Front ring product component front ring Standard material of the front ring sand gray Ceneral 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 Vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 operating frequency maximum 1 800 the	product designation	Key-operated switches
product line manufacturer's article number of included key 3SU1950-0FD80-0AA0 Actuator principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element sliver material of the actuating element shape of the actuating element Metal shape of the actuating element Any inscription, text in lower case number of switching positions switch position for key distraction actuating angle olockwise anticlockwise anticlockwise shape of the front ring design of the front ring material 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 ratilway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of ratilway applications according to EN 61373 operating frequency maximum 1 800 1/h latching, 2x45° (10:30 h/12 h/13:30 h) product component front ring catching and according to EN 61373 category 1, Class B operating frequency maximum Plastic with metal front ring mater, 22 mm saltichone, 2x45° (10:30 h/12 h/13:30 h) product component front ring sand gray Product component front ring sand gray Standard material 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 ratilway applications according to EN 61373 Vibration resistance according to IEC 60068-2-6 of ratilway applications according to EN 61373 operating frequency maximum 1 800 1/h	design of the product	Actuating/signaling element
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Front ring Yes	 anticlockwise 	45°
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protection class IP	material of the front ring	Metal, matt
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● 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 10 500 Hz: 5g ● for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h	General technical data	
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 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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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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

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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=3SU1030-5PL41-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5PL41-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5PL41-0AA0-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=3SU1030-5PL41-0AA0-Z Y12&lang=en

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