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°, 10:30h/12h/13:30h, Key removal I+O+II, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation product extension option of the actuating element product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration for key distraction actuating of the actuating element arking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration for key distraction actuating angle clockwise shape of the designation of the actuating element actuating angle clockwise shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) actuating angle clockwise shape of the actuating element shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) actuating angle shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) actuating angle shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) actuating angle shape of switching positions of the strain in the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration dentification Number (CIN) 3 switch position for key distraction 45° shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration dentification Number (CIN) 45° shape of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration dentification Number (CIN) Standard Any	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 color • of the actuating element silver material of the actuating element Key outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise 45° okto make BCS	product designation	Key-operated switches
product line 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 material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element actuating alement number of switching positions switch position for key distraction actuating angle olockwise anticlockwise senticlockwise front ring product component front ring design of the front ring design of the front ring color of the front ring sand gray General technical data protection class IP of the imminish according to EN 61373 vibration resistance according to IEC 60068-2-6 of crailway applications according to EN 61373 Category 1, Class B	design of the product	Actuating/signaling element
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 color of the actuating element shape of the actuating element shape of the actuating element waterial of the actuating element shape of the actuating element warking of the actuating element arking of the actuating element warking of the actuating element arking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise shape of the front ring for the front ring design of the front ring material of the front ring material of the front ring color of the front ring for 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 or railway applications according to EN 61373 Vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B latching, 2x45° (10:30 h/12 h/13:30 h) No	product line	Plastic with metal front ring, matt, 22 mm
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product extension optional light source color of the actuating element material of the actuating element shape of the actuating element warking of the actuating element marking of the actuating element warking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle oclockwise for anticlockwise actuating angle oclockwise styre= style= st	Actuator	
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of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) switch position for key distraction actuating angle clockwise clockwise anticlockwise ds° anticlockwise lock make key number S1 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 of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resilatone oaccording to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B countered in the countered according to EN 61373 countered in the countered according to EN 61373 countered in the countered according to EN 61373 countered in the c	product extension optional light source	No
material of the actuating element shape of the actuating element working of the actuating element marking 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 configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle e clockwise 45° lock make BCS key number Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	color	
shape of the actuating element outer diameter 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 configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction actuating angle e clockwise e anticlockwise lock make BCS key number Front ring product component front ring design of the front ring material of the front ring color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance e for railway applications according to EN 61373 Category 1, Class B	 of the actuating element 	silver
outer diameter of the actuating element marking of the actuating element number of switching positions switch position for key distraction actuating angle clockwise anticlockwise anticlockwise because front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration ldentification Number (CIN) 3 4 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration ldentification Number (CIN) 3 Silver and symbol dentification Number (CIN) 45° 6 6 6 6 6 6 6 6 6 6 7 6 7 6 7 6 7 6 7 7	material of the actuating element	metal
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) switch position for key distraction actuating angle clockwise santiclockwise anticlockwise story number Front ring product component front ring design of the front ring material of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B	shape of the actuating element	Key
configurator/Configuration Identification Number (CIN) number of switching positions switch position for key distraction ctuating angle clockwise clockwise discrete design of the front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 coleron figuration Identification Number (CIN) 3 3 3 Configurator/Configuration Identification Number (CIN) 3 4 5 6 6 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	outer diameter of the actuating element	29.5 mm
switch position for key distraction actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise S1 Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP • of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 • 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	marking of the actuating element	
actuating angle	number of switching positions	3
clockwise anticlockwise anticlockwise lock make BCS key number S1 Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring general technical data 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 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B Category 1, Class B	switch position for key distraction	O+I+II
anticlockwise lock make key number Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 et al. 25° Adv. 36 BCS Standard Metal, matt sand gray IP66, IP67, IP69(IP69K) IP20 IP20 IP66, IP67, IP69(IP69K) IP20	actuating angle	
lock make key number S1 Front ring product component front ring design of the front ring material of the front ring color of the front ring sand gray General technical data 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 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	• clockwise	45°
Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • 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	 anticlockwise 	45°
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	lock make	BCS
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 of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Category 1, Class B Category 1, Class B	key number	S1
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 of the terminal lP20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Category 1, Class B Category 1, Class B	Front ring	
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 of according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B Category 1, Class B	product component front ring	Yes
color of the front ring General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B category 1, Class B category 1, Class B	design of the front ring	Standard
protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B category 1, Class B	material of the front ring	Metal, matt
protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B	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 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B 	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	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 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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• for railway applications according to EN 61373 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B 10 500 Hz: 5g Category 1, Class B	shock resistance	
vibration resistance ● according to IEC 60068-2-6 10 500 Hz: 5g ● for railway applications according to EN 61373 Category 1, Class B	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 	 for railway applications according to EN 61373 	Category 1, Class B
• for railway applications according to EN 61373 Category 1, Class B	vibration resistance	
	according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum 1 800 1/h	 for railway applications according to EN 61373 	Category 1, Class B
	operating frequency maximum	1 800 1/h

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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
height width	29.5 mm 29.5 mm
width	29.5 mm
width shape of the installation opening	29.5 mm round
width shape of the installation opening mounting diameter	29.5 mm round 22.3 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter	29.5 mm round 22.3 mm 0.4 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	29.5 mm round 22.3 mm 0.4 mm 56.3 mm
width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width	29.5 mm round 22.3 mm 0.4 mm 56.3 mm 29.5 mm

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=3SU1030-5PL11-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5PL11-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5PL11-0AA0-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=3SU1030-5PL11-0AA0-Z Y19&lang=en

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