SIEMENS

Data sheet



Key-operated switch BKS, 22 mm, round, metal, shiny, special lock, with 2 keys, 3 switch positions I-O<II, latching on the left, momentary contact type on the right, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, Note: BKS locking systems E1 - E25 supplied without key

product type designation design of the product product type designation product type designation product type designation product line Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element material of the actuating element silver material of the actuating element supported type to support the actuating element supported to the actuating element supported to the actuating element supported the actuating element supported the actuating element supported to the actuating element supported the actuating element supported to the actuating element	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element sliver material of the actuating element slace outer diameter of the actuating element 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 material of the front ring design of the front ring sliver Metal, high gloss sliver Protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 60088-10 (Date) Ambient conditions	product designation	Key-operated switches
product line Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element weter of the actuating element shape of the actuating element weter of the actuating element shape of the actuating element veter diameter of the actuating veter diameter of the actuation of the actuation of the veter diameter of the actuation of the veter diameter of the actuation of the actuation of the veter diameter o	design of the product	Actuating/signaling element
Actuator principle of operation of the actuating element right, left latching contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source of the actuating element silver material of the actuating element Metal Shape of the actuating element Metal Shape of the actuating element Metal Met	product type designation	3SU1
principle of operation of the actuating element right, left latching momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching product extension optional light source No color of the actuating element sliver material of the actuating element metal shape of the actuating element (Key) outer diameter of the actuating element (Sey) as witch positions (Sey) as witch position for key distraction (OC) octuating angle octockwise (A5°) octockwise (A5°) octock make (BCS) Front ring product component front ring (Sex) design of the front ring (Standard (Sex) material of the front ring (Standard (Sex)) octor of the front ring (Sex) octor octor octor octor octor octor octor octor o	product line	Metal, shiny, 22 mm
right, left latching product extension optional light source color • of the actuating element material of the actuating element shape of the actuating element voter diameter of the actuating element number of switching positions switch position for key distraction actuating angle elockwise anticlockwise anticlockwise front ring product component front ring design of the front ring material of the front ring Standard 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 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	Actuator	
color	principle of operation of the actuating element	
• of the actuating element material of the actuating element shape of the actuating element cut diameter of the actuating element number of switching positions switch position for key distraction octuating angle eclockwise earticlockwise fook make bcs Front ring product component front ring design of the front ring material of the front ring material of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance eacording to IEC 60068-2-6 eacording to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Metal, high gloss solor of the front ring silver Bread, Pe7, IP69(IP69K) IP20 sinusoidal half-wave 15g / 11 ms sinusoidal half-wave 15g / 11 ms sinusoidal half-wave 15g / 11 ms vioration resistance according to IEC 60068-2-6 Substance Prohibitance (Date) Ju/01/2014 Ambient conditions	product extension optional light source	No
material of the actuating element shape of switching positions aswitch position for key distraction o actuating angle o clockwise of anticlockwise of anti	color	
shape of the actuating element outer diameter of the actuating element number of switching positions switch position for key distraction octuating angle oclockwise anticlockwise anticlockwise selection from tring design of the front ring material of the front ring design of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	 of the actuating element 	silver
outer diameter of the actuating element number of switching positions switch position for key distraction o actuating angle o clockwise anticlockwise anticlockwise bCS Front ring product component front ring design of the front ring material of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	material of the actuating element	metal
number of switching positions switch position for key distraction of actuating angle o clockwise anticlockwise anticlockwise anticlockwise because anticlockwise anticlockwise because	shape of the actuating element	Key
number of switching positions switch position for key distraction of actuating angle o clockwise anticlockwise anticlockwise anticlockwise because anticlockwise anticlockwise because	outer diameter of the actuating element	29.5 mm
actuating angle		3
clockwise anticlockwise lock make BCS Front ring product component front ring yes design of the front ring material of the front ring color of the front ring silver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	switch position for key distraction	0
anticlockwise lock make BCS Front ring product component front ring Yes design of the front ring material of the front ring material of the front ring silver General 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 (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	actuating angle	
lock make Front ring product component front ring design of the front ring material of the front ring color of the front ring gilver General technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance (Date) Substance (Date) Ness (Standard Metal, high gloss silver Be6, IP67, IP69(IP69K) IP20	• clockwise	45°
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 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Standard Metal, high gloss Metal, high gloss Standard Metal, high gloss Standard Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20	anticlockwise	45°
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 vibration resistance according to IEC 60068-2-6 operating frequency maximum nechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance (Date) Ambient conditions	lock make	BCS
design of the front ring material of the front ring material of the front ring color of the front ring silver General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum nechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	Front ring	
material of the front ring color of the front ring silver General technical data protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance of according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	product component front ring	Yes
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 vibration resistance according to IEC 60068-2-6 perating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	design of the front ring	Standard
protection class IP	material of the front ring	Metal, high gloss
protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance occording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance occording to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	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 (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	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 (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	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 (switching cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance	shock resistance	
● according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	vibration resistance	
mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions 300 000 10/01/2014	according to IEC 60068-2-6	10 500 Hz: 5g
mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions 300 000 10/01/2014	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) 10/01/2014 Ambient conditions		300 000
Ambient conditions	reference code according to IEC 81346-2	S
	Substance Prohibitance (Date)	10/01/2014
ambient temperature	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=3SU1050-5PN01-0AA0-Z Y01

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PN01-0AA0-Z Y01

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PN01-0AA0-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=3SU1050-5PN01-0AA0-Z Y01&lang=en

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