SIEMENS

Data sheet



Key-operated switch BKS, 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°, 10:30h/12h/13:30h, key removal O, Note: BKS locking systems E1 - E25 supplied without key

product designation design of the product Actuating/signaling element product type designation product ped seignation product go designation product line Metal, shiny, 22 mm Actuator principle of operation of the actuating element principle of operation optional light source color of the actuating element silver material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element number of switching positions switch position for key distraction outer diameter of the actuating element - clockwise - clockwise - clockwise - anticockwise - antic	product brand name	SIRIUS ACT	
product type designation product tine Metal, shiny, 22 mm Metal, shiny, 22 mm Actuator principle of operation of the actuating element lacking product extension optional light source of the actuating element shape of the actuating element election element shape of the actuating element element shape of the actuating element element shap	product designation	Key-operated switches	
product line Actuator principle of operation of the actuating element	design of the product	Actuating/signaling element	
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 well shape of the actuating element outer diameter of the actuation element outer diameter of the actuating element outer diameter of the actuating element outer diame	product type designation	3SU1	
principle of operation of the actuating element latching product extension optional light source No color	product line	Metal, shiny, 22 mm	
latching product extension optional light source color • of the actuating element silver material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction O actuating angle • clockwise 45° • anticlockwise 45° lock make BCS Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver General technical data protection class IP • of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1800 Un/12014 Ambient conditions amblent temperature	Actuator		
color • of the actuating element material of the actuating element shape of the actuating element very outer diameter of the actuating plement very outer diameter of the actuating element very outer diameter of the actuating element very outer of the year outer oute	principle of operation of the actuating element		
of the actuating element	product extension optional light source	No	
material of the actuating element Key outer diameter of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 3 switch position for key distraction O actuating angle • clockwise 45° • anticlockwise 45° lock make BCS Front ring product component front ring Yes design of the front ring Standard material of the front ring Silver General technical data protection class IP • 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 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature	color		
shape of the actuating element Outer diameter of the actuating element Dumber of switching positions Switch position for key distraction O Cactuating angle Clockwise A5° Anticlockwise A5° Anticlockwise BCS Front ring product component 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 Metanical service life (operating cycles) typical Degree of protections and piece of protections of the Component of the Comp	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 45° o anticlockwise 45° lock make BCS Front ring product component front ring design of the front ring Metal, high gloss 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	material of the actuating element	metal	
number of switching positions switch position for key distraction ocactuating angle	shape of the actuating element	Key	
switch position for key distraction actuating angle clockwise anticlockwise anticlockwise becomposed the food ring product component front ring product component front ring gesign of the front ring material 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 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	outer diameter of the actuating element	29.5 mm	
actuating angle clockwise anticlockwise 45° lock make BCS Front ring product component front ring design of the front ring Metal, high gloss 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 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	number of switching positions	3	
• clockwise • anticlockwise 45° lock make BCS Front ring product component front ring gtandard material 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 vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	switch position for key distraction	0	
anticlockwise	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 Metal, high gloss 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	• clockwise	45°	
product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data protection class IP IP66, IP67, IP69(IP69K) of the terminal IP20 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 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	anticlockwise	45°	
product component front ring design of the front ring material of the front ring Metal, high gloss 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 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	lock make	BCS	
design of the front ring material of the front ring material of the front ring color of the front ring gilver 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 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	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 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) Ambient conditions ambient temperature	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 according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 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 Ambient conditions ambient temperature	design of the front ring	Standard	
protection class IP of the terminal lp20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	material of the front ring	Metal, high gloss	
protection class IP of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	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) Ambient conditions ambient temperature	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) Ambient conditions ambient temperature	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 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
vibration resistance	shock 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 Ambient conditions ambient temperature	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms	
operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	vibration resistance		
mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	• according to IEC 60068-2-6	10 500 Hz: 5g	
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	operating frequency maximum	1 800 1/h	
Substance Prohibitance (Date) Ambient conditions ambient temperature	mechanical service life (operating cycles) typical	300 000	
Ambient conditions ambient temperature	reference code according to IEC 81346-2	S	
ambient temperature	Substance Prohibitance (Date)	10/01/2014	
	Ambient conditions		
● during operation -25 +70 °C	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			

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=3SU1050-5PP01-0AA0-Z Y01

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PP01-0AA0-Z Y01

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PP01-0AA0-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=3SU1050-5PP01-0AA0-Z Y01&lang=en

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