SIEMENS

Data sheet



Key-operated switch BKS, 22 mm, round, metal, shiny, special lock, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, Note: BKS locking systems E1 - E25 supplied without key

product brand name product designation Rey-operated switches design of the product product type designation product time Retal, shiny, 22 mm Actuator Principle of operation of the actuating element product exension optional light source color of the actuating element silver material of the actuating element shape of the actuating shape shape of the front ring graduction element shape of the actuating shape shape of the front ring shape shape of the front ring shape		
design of the product product type designation product tine 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 shape of the actuating element shape of the actuating element key outer diameter of the actuating element couter diameter of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating element shape of the actuating element shape of the actuating element couter diameter of the actuating element couter diameter of the actuating element shape of the actuating element couter diameter of the actuating element couter diame	product brand name	SIRIUS ACT
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product line Actuator principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element shape of the actuating element where of the actuating element shape of the actuating element where of the actuating element product extension options shape of the actuating element shape of the actuating element shape of the actuating element where of the actuating element product of whiching positions 2 switch position for key distraction actuating angle clockwise go* lock make BCS Front ring product component front ring design of the front ring shape of the front ring where of the front ring sliver Ceneral technical data protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-67 sperating frequency maximum shape of the actuating element late of the control of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-6 poparating frequency maximum 1 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature during storage 40 uning storage	design of the product	Actuating/signaling element
Actuator principle of operation of the actuating element product extension optional light source No color • of the actuating element silver material of the actuating element Metal shape of the actuating of the actuating element Metal Shape of the actuating positions Development Metal Shape of the actuating positions Development Metal Shape of the actuating angle Metal Shape of the foreit ring Metal Shape of the front ring Shape of the front ring Metal Shape of the front ring Shape of the front ring Metal Shape of the front ring	product type designation	3SU1
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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 (2) switch position for key distraction (O+1) actuating angle olockwise (BCS) Front ring product component front ring (Standard Metal, high gloss color of the front ring (Standard Metal, high gloss silver (Coneral tothical data) protection class IP (IPC) (IP	Actuator	
color • of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make BCS Front ring 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 IPEG,	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
• of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make BCS Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring sliver 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 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 10 500 Hz; 5g operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) - 40 +80 °C	product extension optional light source	No
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shape of the actuating element	of the actuating element	silver
outer diameter of the actuating element number of switching positions 2 switch position for key distraction O+I actuating angle clockwise 90° 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 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 • during operation • during storage • during operation • during storage - 40 +80 °C	material of the actuating element	metal
number of switching positions 2 switch position for key distraction O+I actuating angle	shape of the actuating element	Key
switch position for key distraction actuating angle • clockwise 90° lock make BCS 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • during storage	outer diameter of the actuating element	29.5 mm
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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 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 o during operation old in the front ring Standard Metal, high gloss Sindard Metal, high gloss Sindard Metal, high gloss silver IP66, IP67, IP69(IP69K) IP20 IP	lock make	BCS
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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 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature of during operation of the terminal IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g 10 500 Hz: 5g 10 000 10	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 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C -40 +80 °C	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 • during operation -25 +70 °C -40 +80 °C	protection class IP	IP66, IP67, IP69(IP69K)
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 • during operation -25 +70 °C • during storage -40 +80 °C	of the terminal	IP20
according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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 • during operation -25 +70 °C • during storage -40 +80 °C	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 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature during operation -25 +70 °C during storage -40 +80 °C 	• 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 • during operation -25 +70 °C • during storage -40 +80 °C	vibration resistance	
mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage -40 +80 °C	• according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage -25 +70 °C -40 +80 °C	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage -25 +70 °C -40 +80 °C	mechanical service life (operating cycles) typical	300 000
Ambient conditions ambient temperature • during operation • during storage -25 +70 °C -40 +80 °C	reference code according to IEC 81346-2	S
ambient temperature • during operation • during storage -25 +70 °C -40 +80 °C	Substance Prohibitance (Date)	10/01/2014
 during operation during storage -25 +70 °C -40 +80 °C 	Ambient conditions	
• during storage -40 +80 °C	ambient temperature	
	 during operation 	-25 +70 °C
environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)	during storage	-40 +80 °C
	environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)

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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=3SU1050-5PF11-0AA0-Z Y01

Cax online generator

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PF11-0AA0-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=3SU1050-5PF11-0AA0-Z Y01&lang=en

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