## **SIEMENS**

## **Data sheet**



Key-operated switch BKS, 22 mm, round, metal, shiny, Lock No. E7 (VW), without key, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, with laser labeling, upper case

product brainin anie product designation  key-operated switches  Actuator product type designation  SSU1  product type designation  Metal, shiny, 22 mm  Actuator  principle of operation of the actuating element product extension optional light source  No  color  of the actuating element  material of the actuating element  shape of the actuating element  marking of the actuating element  marking of the actuating element  Any inscription, text in upper case  number of switching positions  2  switch position for key distraction  actuating angle  olock make  BCS  key number  Front ring  product component front ring  design of the front ring  design of the front ring  Standard  material of the front ring  Metal, high gloss  color of the front ring  Standard  degree of protection NEMA rating shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  operating textures  1 800 Hz 55 +70 °C  Antient conditions  ambient temperature  during operation  -25 +70 °C  Actuation  Actuation  Actuation  Actuation  Actuation  Actuating, 90° (10:30 h/13:30 h)  Bisching, 90° (10:30 h/13:30 h)  Actuation  Actuation, 90° (10:30 h/13:30 h)  Actuation  Metal, shiny, 22 mm  Actuation  Actuation  Actuation  Actuation  Actuation  Actuation  Actuation  Actuation, 90° (10:30 h/13:30 h)  Product component of the actuating element  Any inscription, 124 in upper case  No  Oot of the front ring  Standard  Actuation, 125 in upper case  Substance  according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  according to IEC 60068-2-28  Substance Prohibitance (Date)  10/01/2014  Ambient conditions  ambient temperature  during operation  -25 +70 °C	product brand name	SIRIUS ACT
design of the product product type designation product time 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 Any inscription, text in upper case number of switching positions 2 switch position for key distraction actuating angle clockwise lock make BCS key number E7  Front ring product component front ring design of the front ring design of the front ring Metal, high gloss color of the front ring sliver  Ceneral technical data protection class IP of the terminal lipzo degree of protection NEMA rating shock resistance according to IEC 60068-2-8 operating frequency maximum 1 800 1/h metal-high glose substance Prohibitance (Date) Any insurance and in the front ring sliver  Ceneral technical data protection class IP according to IEC 60068-2-8 operating frequency maximum 1 800 1/h metal-hical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Antibiont conditions ambient temperature	•	
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 silver material of the actuating element Metal shape of the actuating element Any inscription, text in upper case unuter diameter of the actuating element Any inscription, text in upper case number of switching positions 2 switch position for key distraction Ort actuating angle • clockwise Ook lock make BCS key number E7  Front ring  product component front ring Metal, high gloss color 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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 Operating frequency maximum 1800 1/h mechanical service IIfe (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature		
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Actuator  principle of operation of the actuating element product extension optional light source color  • of the actuating element silver material of the actuating element shape of the actuating element Any inscription, text in upper case number of switching positions 2 switch position for key distraction actuating angle • olockwise lock make key number E7  product component front ring dosign of the front ring material of the front ring Slandard material of the front ring Slandard 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 10 - 500 H2 Substance Prohibitance (Date) In 100 - 10		
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product extension optional light source  color  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  Any inscription, text in upper case number of switching positions  2 switch position for key distraction actuating angle oclockwise lock make Ses key number  Front ring product component front ring design of the front ring silver  Concrat 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 (perating cycles) typical arbient conditions  ambient temperature		latching 90° (10·30 h/13·30 h)
color  • of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm marking of the actuating element Any inscription, text in upper case number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise lock make BCS key number E7 Front ring product component front ring Standard material 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 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-6 operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical oreference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature		
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clockwise   90°		
lock make key number E7  Front ring  product component front ring design of the front ring material of the front ring Standard 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 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		90°
key number E7  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 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		
product component 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 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)  Substance Prohibitance (Date) Ambient conditions ambient temperature	key number	E7
product component front ring  design of the front ring  material of the front ring  material of the front ring  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		
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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 temperature	design of the front ring	Standard
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protection class IP  of the terminal  legon  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  oaccording to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  oaccording 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  o according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  o 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  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	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  • 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	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)  Ambient conditions     ambient temperature	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
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)  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	
	<ul> <li>during operation</li> </ul>	-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=3SU1050-5SF11-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5SF11-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5SF11-0AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-5SF11-0AA0-Z Y11&lang=en

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