## **SIEMENS**

## **Data sheet**



Key-operated switch BKS, 22 mm, round, plastic, Lock No. E7 (VW), without key, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, Key removal O+I Z=50-unit packaging

product brand name	SIRIUS ACT		
product designation	Key-operated switches		
design of the product	Actuating/signaling element		
product type designation	3SU1		
product line	Plastic, black, 22 mm		
Actuator			
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)		
product extension optional light source	No		
color			
<ul> <li>of the actuating element</li> </ul>	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+I		
actuating angle			
• clockwise	90°		
lock make	BCS		
key number	E7		
Front ring			
product component front ring	Yes		
design of the front ring	Standard		
material of the front ring	plastic		
color of the front ring	black		
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			
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms		
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B		
vibration resistance			
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g		
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B		
operating frequency maximum	1 800 1/h		
mechanical service life (operating 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		
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=3SU1000-5SF11-0AA0-Z X90

Cax online generator

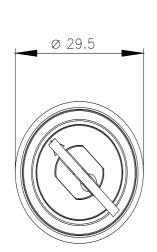
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1000-5SF11-0AA0-Z~X90}\\$ 

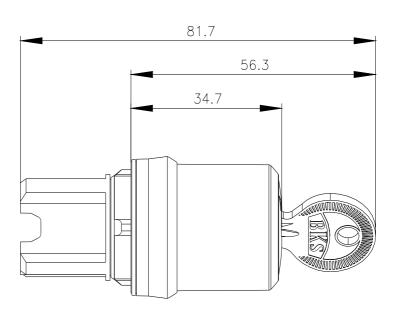
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5SF11-0AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1000-5SF11-0AA0-Z X90&lang=en





last modified: 1/26/2022 🖸

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