

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, with laser labeling, lower case



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	
Manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
Product extension optional Light source	No
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
Marking of the actuating element	Any inscription, text in lower case
Number of switching positions	2
Switch position for key distraction	O
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	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	
• typical	1 000 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. 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	

General Product Approval			Declaration of Conformity	Test Certificates
				Miscellaneous Type Test Certificates/Test Report
CSA	UL		EG-Konf.	

Test Certificates	Marine / Shipping				
Special Test Certificate					
	ABS	LRS	PRS	RINA	RMRS

Marine / Shipping	other
	Confirmation
DNVGL.COM/AF	

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=3SU1000-5SF01-0AA0-Z Y12>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5SF01-0AA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5SF01-0AA0-Z Y12>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-5SF01-0AA0-Z Y12&lang=en

last modified:

02/06/2020