



Key-operated switch BKS, 22 mm, round, metal, shiny, Lock No. E2 (VW), without key, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name	SIRIUS ACT
product designation	Key-operated switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 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	
• 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	Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)
number of switching positions	2
switch position for key distraction	O
actuating angle	
• clockwise	90°
lock make	BCS
key number	E2
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 Prohibittance (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%)	
Environmental footprint			
Environmental Product Declaration(EPD)		Yes	
Global Warming Potential [CO2 eq] total		0.593 kg	
Global Warming Potential [CO2 eq] during manufacturing		0.625 kg	
Global Warming Potential [CO2 eq] during operation		0.235 kg	
Global Warming Potential [CO2 eq] after end of life		-0.267 kg	
Siemens Eco Profile (SEP)		Siemens EcoTech	
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	
Approvals Certificates			
General Product Approval		Test Certificates	Marine / Shipping
		Special Test Certificate	
			
			
Marine / Shipping		other	Environment
		Confirmation	
			
Further information			
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=3SU1050-5RF01-0AA0-Z Y19			
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5RF01-0AA0-Z Y19			
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5RF01-0AA0-Z Y19			
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5RF01-0AA0-Z Y19&lang=en			

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