

Siemens
EcoTech



Key-operated switch BKS, 22 mm, round, metal, shiny, lock number S1, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, Key removal I+II, 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	Metal, shiny, 22 mm
manufacturer's article number of included key	3SU1950-0FD80-0AA0
Actuator	
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 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 in lower case letters
number of switching positions	3
switch position for key distraction	I+II
actuating angle	
• clockwise	45°
• anticlockwise	45°
lock make	BCS
key number	S1
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
 CSA		 UL	
		Type Test Certificates/Test Report	Special Test Certificate
			 ABS
Marine / Shipping		other	Environment
 LRS		 PRS	 RINA
		Confirmation	 EPD
			 Siemens EcoTech
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=3SU1050-5PL41-0AA0-Z Y12			
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PL41-0AA0-Z Y12			
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PL41-0AA0-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=3SU1050-5PL41-0AA0-Z Y12&lang=en			

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