



Key-operated switch BKS, 22 mm, round, metal, shiny, lock number S1, with 2 keys, 3 switch positions I-O<II, left latching, right momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O+I, with laser labeling, upper case and lower case, always upper case at the beginning of the word

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Key-operated switches
<b>design of the product</b>	Actuating/signaling element
<b>product type designation</b>	3SU1
<b>product line</b>	Metal, shiny, 22 mm
<b>manufacturer's article number of included key</b>	<a href="#">3SU1950-0FD80-0AA0</a>

### Actuator

<b>principle of operation of the actuating element</b>	latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching
<b>product extension optional light source</b>	No
<b>color</b>	
• of the actuating element	silver
<b>material of the actuating element</b>	metal
<b>shape of the actuating element</b>	Key
<b>outer diameter of the actuating element</b>	29.5 mm
<b>marking of the actuating element</b>	Any inscription, text in upper/lower case, all words begin with upper case letters
<b>number of switching positions</b>	3
<b>switch position for key distraction</b>	O+I
<b>actuating angle</b>	
• clockwise	45°
• anticlockwise	45°
<b>lock make</b>	BCS
<b>key number</b>	S1

### Front ring

<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	Metal, high gloss
<b>color of the front ring</b>	silver

### General technical data

<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
<b>operating frequency maximum</b>	1 800 1/h
<b>mechanical service life (switching cycles) typical</b>	300 000
<b>reference code according to IEC 81346-2</b>	S

<b>Substance Prohibitance (Date)</b>	10/01/2014
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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%)
<b>Installation/ mounting/ dimensions</b>	
<b>height</b>	29.5 mm
<b>width</b>	29.5 mm
<b>shape of the installation opening</b>	round
<b>mounting diameter</b>	22.3 mm
<b>positive tolerance of installation diameter</b>	0.4 mm
<b>mounting height</b>	56.3 mm
<b>installation width</b>	29.5 mm
<b>installation depth</b>	25.4 mm
<b>Certificates/ approvals</b>	
<b>Further information</b>	

**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=3SU1050-5PN51-0AA0-Z Y15>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PN51-0AA0-Z Y15>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PN51-0AA0-Z Y15>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5PN51-0AA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PN51-0AA0-Z Y15&lang=en)

last modified: 1/26/2022 