



Key-operated switch BKS, 22 mm, round, metal, shiny, lock number S1, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal I, with laser labeling, inscription or symbol  
Customer-specific selection with SIRIUS ACT configurator (CIN)

<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>
<b>Actuator</b>	
<b>principle of operation of the actuating element</b>	latching, 90° (10:30 h/13:30 h)
<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 or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)
<b>number of switching positions</b>	2
<b>switch position for key distraction</b>	I
<b>actuating angle</b>	
• clockwise	90°
<b>lock make</b>	BCS
<b>key number</b>	S1
<b>Front ring</b>	
<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
<b>General technical data</b>	
<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>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
<b>vibration resistance</b>	
• acc. 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 acc. to IEC 81346-2</b>	S

Ambient conditions	
<ul style="list-style-type: none"> <li>ambient temperature during operation</li> <li>ambient temperature during storage</li> </ul>	-25 ... +70 °C -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	
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=3SU1050-5PF21-0AA0-Z Y19>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PF21-0AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PF21-0AA0-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=3SU1050-5PF21-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PF21-0AA0-Z Y19&lang=en)

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