

Key-operated switch BKS, 22 mm, round, plastic with metal front ring, lock number S1, with 2 keys, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h, key removal O, with laser labeling, upper 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 with metal front ring, matt, 22 mm
Manufacturer's article number	
• of included key	<a href="#">3SU1950-0FD80-0AA0</a>

Actuator	
Manner of function of the actuating element	momentary contact, 45° (10:30 h/12 h), return from center to left
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 upper case
Number of switching positions	2
Switch position for key distraction	O
Actuating angle	

• clockwise	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, matt
Color of the front ring	sand gray

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	
• 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
				<a href="#">Miscellaneous</a> <a href="#">Type Test Certificates/Test Report</a>

Test Certificates	Marine / Shipping				
<a href="#">Special Test Certificate</a>					

Marine / Shipping	other
	<a href="#">Confirmation</a>

**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=3SU1030-5PC01-0AA0-Z Y11>
- Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5PC01-0AA0-Z Y11>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5PC01-0AA0-Z Y11>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-5PC01-0AA0-Z Y11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5PC01-0AA0-Z Y11&lang=en)

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