



Siemens keyswitch, B, 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 inscription, in 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, 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 in lower case letters
number of switching positions	2
switch position for key distraction	I
actuating angle	
• clockwise	90°
lock make	Siemens, B
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)
protection class IP 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
Weight		0.147 kg
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
 EG-Konf.		  
		Type Test Certificates/Test Report Special Test Certificate
Maritime application		other
 LRS		 PRS
 RINA		Confirmation  产品合格 QC PASS
		 EPD
Environment		
 Siemens EcoTech		
Environmental Confirmations		
Further information		
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875		
Information for data generation and storage https://support.industry.siemens.com/cs/ww/en/view/109995012		
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 Y12		
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PF21-0AA0-Z Y12		
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PF21-0AA0-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=3SU1050-5PF21-0AA0-Z Y12&lang=en		

