SIEMENS

Data sheet



Key-operated switch BKS, 22 mm, round, plastic with metal front ring, 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 I, with laser labeling, Customer-specific selection with SIRIUS ACT configurator (CIN)

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	3SU1950-0FD80-0AA0	
Actuator		
principle of operation of the actuating element	latching/momentary contact, 2x45° (10:30 h/12 h/13:30 h), return from right, left latching	
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 or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)	
number of switching positions	3	
switch position for key distraction	1	
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, 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		
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
 for railway applications according to EN 61373 	Category 1, Class B	
vibration resistance		
according to IEC 60068-2-6	10 500 Hz: 5g	
 for railway applications according to EN 61373 	Category 1, Class B	
operating frequency maximum	1 800 1/h	

mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (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%)
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=3SU1030-5PN21-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5PN21-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5PN21-0AA0-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=3SU1030-5PN21-0AA0-Z Y19&lang=en

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