SIEMENS

Data sheet

3SU1050-5BN01-0AA0-Z Y19



key-operated switch Siemens, 22 mm, round, metal, shiny, lock number SSG10, with 2 keys, 3 switch positions I-O<II, left latching, momentary contact type on the right, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, inscription or symbol 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	Metal, shiny, 22 mm	
manufacturer's article number of included key	<u>3SU1950-0FP80-0AA0</u>	
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	Кеу	
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	0	
actuating angle		
clockwise	45°	
anticlockwise	45°	
lock make	Siemens	
key number	SSG10	
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)	
 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 (switching cycles) typical	300 000	
reference code according to IEC 81346-2	S	

Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
 with low demand rate according to SN 31920 	20 %
 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
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	61 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=3SU1050-5BN01-0AA0-Z Y19	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BN01-0AA0-Z Y19	
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BN01-0AA0-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=3SU1050-5BN01-0AA0-Z Y19&lang=en

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