SIEMENS

Data sheet

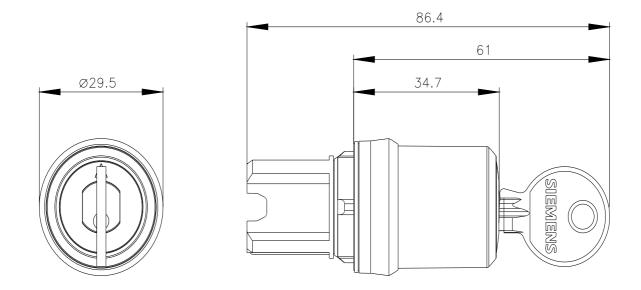
3SU1000-5BL41-0AA0



key-operated switch Siemens, 22 mm, round, plastic, lock number SSG10, with 2 keys, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, key removal I+II

product brand name	SIRIUS ACT		
product designation	Key-operated switches		
design of the product	Actuating/signaling element		
product type designation	3SU1		
product line	Plastic, black, 22 mm		
manufacturer's article number of included key	<u>3SU1950-0FP80-0AA0</u>		
Actuator			
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 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	Кеу		
outer diameter of the actuating element	29.5 mm		
number of switching positions	3		
switch position for key distraction	+		
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	plastic		
color of the front ring	black		
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 (operating cycles) typical	1 000 000		
reference code according to IEC 81346-2	S		
Substance Prohibitance (Date)	10/01/2014		

Safety related data					
B10 value with high der	nand rate according to SN 31920	300 000			
proportion of dangero	us failures				
 with low demand 	rate according to SN 31920	20 %			
 with high demand 	d rate according to SN 31920	20 %			
failure rate [FIT] with low	w demand rate according to SN 31	920 100 FIT			
Ambient conditions					
ambient temperature					
 during operation 		-25 +70 °C			
 during storage 		-40 +80 °C	-40 +80 °C		
environmental category 60721	during operation according to IEC	3M6, 3S2, 3B2, 3C3,	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)		
Installation/ mounting/ o	limensions				
height		29.5 mm			
width		29.5 mm			
shape of the installation	on opening	round			
mounting diameter		22.3 mm			
positive tolerance of in	nstallation diameter	0.4 mm			
mounting height		61 mm			
installation width		29.5 mm			
installation depth		25.4 mm			
Certificates/ approvals					
General Product App	oval		Declaration of Conf	ormity	
<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> ate		er (jacoba) PRS	RINA	
other					
	Environment				
<u>Confirmation</u>	Environmental Con- firmations				
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