SIEMENS

Data sheet

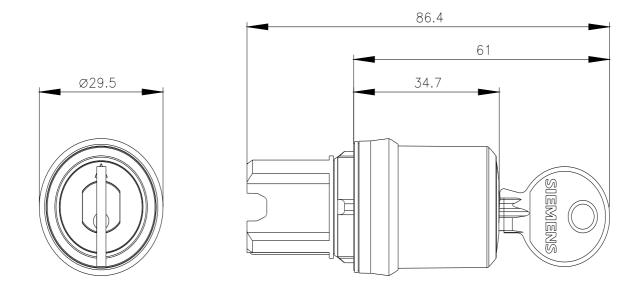
3SU1030-5BL31-0AA0



key-operated switch Siemens, 22 mm, round, plastic with metal front ring, lock number SSG10, with 2 keys, 3 switch positions I-O-II, latching, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h, key removal 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 with metal front ring, matt, 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	II	
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, 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 (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 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%)
nstallation/ 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	
General Product Approval	Declaration of Conformity
Test Cortificates Marine / Shin	ning
Test Certificates Marine / Ship	ping
Type Test Certific- ates/Test Report Special Test Certific- ate ates/Test Report ate ABS	LRS PRS RINA
other	
Confirmation	
Further information	
Siemens has decided to exit the Russian market (see here).	
EAC relevant market (other than the sanctioned EAEU member si Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system)	cates. of the EAC certification if you intend to import or offer to supply these products to ar tates Russia or Belarus).
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlf Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.asp	
Service&Support (Manuals, Certificates, Characteristics, FAC https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5BL3 Image database (product images, 2D dimension drawings, 3D	Qs ,) <u>31-0AA0</u>
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=35	



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