SIEMENS

Data sheet

3SU1030-5BL31-0AA0-Z Y10



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, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name SIRUS ACT product designation Key-operated switches design of the product Actualing/signaling element product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of included key 3SU1950-07P80-0AAQ Actuation principle of operation of the actuating element principle of operation optional light source No color of the actuating element e of the actuating element metal shape of the actuating element Key outer diameter of the actuating element Ary inscription, text in upper/lower case, every line begins with upper case letter number of switching positions 3 switch position for key distraction II actuating angle 45° e actockwise 45° e anticlockwise 45° foot make Siemens key number Standard material of the front ring Yes design of the front ring Siandard material of the front ring Siandard			
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for railway applications according to EN 61373 Category 1, Class B	vibration resistance		
	 according to IEC 60068-2-6 	10 500 Hz: 5g	
operating frequency maximum 1 800 1/h	 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	
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=3SU1030-5BL31-0AA0-Z Y10 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5BL31-0AA0-Z Y10		
http://support.automation.siemens.com/WW/CAXorder/defau Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-	FAQs,)	

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5BL31-0AA0-Z Y10&lang=en

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