SIEMENS

Data sheet

3SU1000-5BN51-0AA0-Z Y19



key-operated switch Siemens, 22 mm, round, plastic, lock number SSG10, with 2 keys, 3 switch positions I-O<II, left latching, momentary contact type on the right, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h, key removal O+I, with laser labeling, inscription or symbol customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name SIRIUS AC1 product designation Key-operated switches design of the product Actuating/signaling element product type designation 3SU1 product time Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0F280-0AA0 Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element shape of the actuating element silver material of the actuating element Key outer diameter of the actuating element 29.5 mm marking of the actuating element 29.5 mm marking of the actuating element 29.5 mm marking of the actuating element 29.5 mm actuating angle 45° • clockwise 45° • anticlockwise 45° • anticlockwise 45° • clockwise 45° • anticlockwise 45° • anticlockwise 45° • anticlockwise 45° of the front ring plastic color of the front ring		
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	 for railway applications according to EN 61373 	Category 1, Class B

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=3SU1000-5BN51-0AA0-Z Y19 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-5BN51-0AA0-Z Y19	
Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-	, FAQs,)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-5BN51-0AA0-2 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=3SU1000-5BN51-0AA0-Z Y19&lang=en

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