SIEMENS

Data sheet

3SU1000-1HB50-0AA0-Z Y13



Mushroom pushbutton, 22 mm, round, plastic, blue, 40 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch, with laser labeling, symbol number according to ISO 7000 or IEC 60417

product brand name SIRIUS ACT product designation Mushroom pushbuttons design of the product Actuating/signaling element product line Plastic, black, 22 mm Enclosure number of command points number of command points 1 Actuator design of the actuating element product extension optional light source No color of the actuating element blue material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element round outer diameter of the actuating element customized labeling, graphical symbols acc. to ISO7000 and IEC60417 type of unlocking device rotate-to-unlatch mechanism number of switching positions 2 product function vithout General technical data mode product function No e EMERGENCY OFF function No e according to IEC 60068-2-27 sinusoidal half-wave 15g /			
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	vibration resistance		
	 according to IEC 60068-2-6 	10 500 Hz: 5g	
for railway applications according to EN 61373 Category 1, Class B	 for railway applications according to EN 61373 	Category 1, Class B	
operating frequency maximum 600 1/h	operating frequency maximum	600 1/h	
mechanical service life (switching cycles) typical 300 000	mechanical service life (switching cycles) typical	300 000	
reference code according to IEC 81346-2 S	reference code according to IEC 81346-2	S	
Substance Prohibitance (Date) 10/01/2014	Substance Prohibitance (Date)	10/01/2014	
Safety related data			
B10 value with high demand rate according to SN 31920 100 000	B10 value with high demand rate according to SN 31920	100 000	

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	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	45.3 mm
installation width	40 mm
installation depth	26.3 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	
Cax online generator	

Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1HB50-0AA0-Z Y13

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HB50-0AA0-Z Y13

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HB50-0AA0-Z Y13&lang=en

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