## SIEMENS

## Data sheet

## 3SU1050-5BM01-0AA0-Z Y01



key-operated switch Siemens, 22 mm, round, metal, shiny, special lock, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O

product designationKdesign of the productAproduct type designation33	SIRIUS ACT Key-operated switches Actuating/signaling element SU1	
design of the product     A       product type designation     33       product line     M	sU1	
product type designation     33       product line     M	SU1	
product line M		
·	letal, shiny, 22 mm	
principle of operation of the actuating element m	nomentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides	
product extension optional light source N		
color		
	ilver	
	netal	
	(ey	
	9.5 mm	
number of switching positions 3		
switch position for key distraction O	)	
actuating angle		
	5°	
anticlockwise     4	5°	
lock make S	Siemens	
Front ring		
product component front ring	/es	
design of the front ring S	Standard	
material of the front ring M	/letal, high gloss	
color of the front ring si	ilver	
General technical data		
protection class IP IF	P66, IP67, IP69(IP69K)	
of the terminal	20	
degree of protection NEMA rating 1,	, 2, 3, 3R, 4, 4X, 12, 13	
shock resistance		
according to IEC 60068-2-27     si	inusoidal half-wave 15g / 11 ms	
vibration resistance		
according to IEC 60068-2-6	0 500 Hz: 5g	
operating frequency maximum 1	800 1/h	
mechanical service life (switching cycles) typical 30	00 000	
reference code according to IEC 81346-2 S		
Substance Prohibitance (Date) 10	0/01/2014	
Safety related data		
B10 value with high demand rate according to SN 31920 50	00 000	
proportion of dangerous failures		

<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %	
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %	
failure rate [FIT] with low demand rate according to SN 31920	100 FIT	
Ambient conditions		
ambient temperature		
<ul> <li>during operation</li> </ul>	-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,) <u>https://www.siemens.com/ic10</u> Industry Mall (Online ordering system)		
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5BM01-0AA0-Z Y01		
Cax online generator		
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5BM01-0AA0-Z Y01		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5BM01-0AA0-Z Y01		

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1050-5BM01-0AA0-Z Y01&lang=en

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