SIEMENS

Data sheet

3SU1001-1BA30-0AA0-Z Y10



Illuminated mushroom pushbutton, 22 mm, round, plastic, yellow, 40mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name SIRIUS ACT product designation Mushroom pushbuttons design of the product Actuating/signaling element product type designation 3SU1 product line Plastic, black, 22 mm Enclosure			
design of the product Actuating/signaling element product type designation 3SU1 product line Plastic, black, 22 mm Enclosure number of command points Actuator 1 Actuator Illuminated principle of operation of the actuating element Istring principle of operation of the actuating element Istring product extension optional light source Yes color of the actuating element yellow material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring Yes design of the front ring Yes design of the front ring black General technical data No product function No • EMERGENCY OFF function No • EMERGENCY OFF function No • EMERGENCY OFF fun	product brand name	SIRIUS ACT	
product type designation 3SU1 product line Plastic, black, 22 mm Enclosure 1 Actuator 1 design of the actuating element illuminated product extension optional light source Yes color of the actuating element yellow material of the actuating element yellow material of the actuating element round outer diameter of the actuating element publics type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring Yes design of the front ring Yes color of the front ring Standard material of the front ring Yes color of the front ring Standard material of the front ring black General tochnical data Ves product function No • EMERGENCY OFF function No • EMERGENCY STOP function No • EMERGENCY OFF function No • EMERGENCY STOP function No	product designation	Mushroom pushbuttons	
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Enclosure number of command points 1 Actuator illuminated design of the actuating element illuminated principle of operation of the actuating element latching product extension optional light source Yes color of the actuating element yellow material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black General technical data product function e EMERGENCY OFF function No e EMERGENCY STOP function No e EMERGENCY STOP function No product function IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product type designation	3SU1	
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material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring Yes gesign of the front ring Standard material of the front ring plastic color of the front ring black General technical data product function protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms	product extension optional light source	Yes	
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outer diameter of the actuating element40 mmmarking of the actuating elementCustomized labeling, text in lower case / capital letters, all lines start with capital lettertype of unlocking devicepull-to-unlatch mechanismnumber of switching positions2Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringplasticcolor of the front ringblackGeneral technical dataNoproduct functionNo• EMERGENCY OFF functionNo• EMERGENCY STOP functionNoprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms	material of the actuating element	plastic	
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number of switching positions 2 Front ring Yes product component front ring Standard material of the front ring plastic color of the front ring black General technical data product function • EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms	marking of the actuating element		
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color of the front ring black General technical data	design of the front ring	Standard	
General technical data product function • EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance inusoidal half-wave 15g / 11 ms	material of the front ring	plastic	
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• EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	General technical data		
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degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance inusoidal half-wave 15g / 11 ms	EMERGENCY STOP function	No	
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according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
	shock resistance		
for railway applications according to EN 61373 Category 1. Class B	 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	vibration resistance		
• according to IEC 60068-2-6 10 500 Hz: 5g	 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 1 800 1/h	operating frequency maximum	1 800 1/h	
mechanical service life (switching cycles) typical 500 000	mechanical service life (switching cycles) typical	500 000	
reference code according to IEC 81346-2 S	reference code according to IEC 81346-2	S	

Substance Prohibitance (Date)	10/01/2014	
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	27.5 mm	
installation width	40 mm	
installation depth	24.4 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=3SU1001-1BA30-0AA0-Z Y10		
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1BA30-0AA0-Z Y10		
Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-	FAQs,)	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)		

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BA30-0AA0-Z Y10&lang=en

last modified:

1/27/2022 🖸