SIEMENS

Data sheet

3SU1031-0AA70-0AA0-Z Y10



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, clear, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name SIRUS ACT product designation Illuminated pushbuttons design of the product Actuating/signaling element product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm Enclosure			
design of the product Actuating/signaling element product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm Enclosuro 1 Actuator design of the actuating element principle of operation of the actuating element Flat button principle of operation of the actuating element latching product extension optional • • light source Yes • contact module Yes color of the actuating element plastic material of the actuating element clear material of the actuating element color of the actuating element color of the actuating element clear material of the actuating element color of the actuating element round Customized labeling, text in lower case / capital letters, all lines start with capital letter yub-to-uniatch mechanism product component front ring Standard gening of the front ring Standard gening of the front ring sand gray General technical data protection class IP protection class IP lP66, IP67, IP69(IP69K)	product brand name	SIRIUS ACT	
product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm Enclosure Inumber of command points Actuator I Actuator Flat button gesign of the actuating element Flat button principle of operation of the actuating element Iatching product extension optional Yes • contact module Zes.mm marking of the actuating element Zes.mm product component front ring Yes design of the front ring Yes design of the front ring Standard material of the front ring Standard <t< th=""><th>product designation</th><th>Illuminated pushbuttons</th></t<>	product designation	Illuminated pushbuttons	
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• contact module Yes color of the actuating element clear material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.5 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter type of unlocking device push-to-unlatch mechanism Front ring Yes design of the front ring Standard material of the front ring Standard material of the front ring Metal, matt color of the front ring gay General technical data 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 • 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 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h	product extension optional		
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protection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (switching cycles) typical500 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014	color of the front ring	sand gray	
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for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	vibration resistance		
operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	 according to IEC 60068-2-6 	10 500 Hz: 5g	
mechanical service life (switching cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	 for railway applications according to EN 61373 	Category 1, Class B	
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	operating frequency maximum	1 800 1/h	
Substance Prohibitance (Date) 10/01/2014	mechanical service life (switching cycles) typical	500 000	
	reference code according to IEC 81346-2	S	
Ambient conditions	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%)
nstallation/ 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	11 mm
installation width	29.5 mm
installation depth	24.3 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/produc	

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1031-0AA70-0AA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0AA70-0AA0-Z Y10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0AA70-0AA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-0AA70-0AA0-Z Y10&lang=en

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