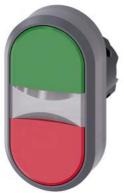
SIEMENS

Data sheet

3SU1031-3AB42-0AA0-Z Y11



Illuminated twin pushbutton, 22 mm, round, plastic with metal front ring, green, red, pushbuttons, flat, with laser labeling, upper case

product brand name SIRUS ACT product designation Twin pushbutons design of the product Actuating signaling element product line Plastic with metal front ring, matt, 22 mm Predestroo Immber of command points Actuator Immber of command points Actuator Immber of the actuating element principle of operation of the actuating element Flat buttons, illuminated principle of operation of the actuating element Yes off the actuating element green / red material of the actuating element green / red material of the actuating element oval marking of the actuating element oval green / red plastic standard marking of the front ring Geland of the front ring Yes design of the front ring standard color of the front ring instandard		
design of the product Actuating/signaling element product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm Enclosure 1 Actuator design of the actuating element principle of operation of the actuating element Flat buttons, illuminated product extension optional • (ght source • (ght source) Yes color of the actuating element green / red material of the actuating element plastic shape of the actuating element oval material of the actuating element oval shape of the actuating element oval material of the actuating element oval product component front ring Yes general technical data general protection class IP IP66, IP67, IP68(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance 10	product brand name	SIRIUS ACT
product line 3SU1 Product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator Flat buttons, illuminated momentary contact type principle of operation of the actuating element Flat buttons, illuminated momentary contact type product extension optional • ight source Yes - contact module Yes - - color of the actuating element green / red material of the actuating element oval marking of the actuating element oval - Any incription, text in upper case Front ring Yes - - - product component front ring Yes - - design of the front ring Standard - - material of the front ring sand gray - - General technical data - - - - protection class IP IP66, IP67, IP69(IP69K) - - degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product designation	Twin pushbuttons
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Enclosure 1 Actuator design of the actuating element Flat buttons, illuminated principle of operation of the actuating element momentary contact type product extension optional Yes • light source Yes • contact module Yes color of the actuating element green / red material of the actuating element plastic shape of the actuating element oval marking of the actuating element oval product component front ring Yes genoral tachnical data gread data protection class IP IP66, IP67, IP69(IP69K) design of the front ring sand gray Genoral tachnical data insuscidal half-wave 15g / 11 ms of railway applications according to EN 61373 Category 1, Class B vibration resistance a coording to EC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical oporating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical operating freq	product type designation	3SU1
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marking of the actuating element Any inscription, text in upper case Front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring sand gray General technical data protection class IP protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 • 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 • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient condi	material of the actuating element	plastic
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• for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 2 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	vibration resistance	
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reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	operating frequency maximum	3 600 1/h
Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	mechanical service life (switching cycles) typical	2 000 000
Ambient conditions ambient temperature • during operation -25 +70 °C	reference code according to IEC 81346-2	S
ambient temperature • during operation -25 +70 °C	Substance Prohibitance (Date)	10/01/2014
• during operation -25 +70 °C	Ambient conditions	
	ambient temperature	
• during storage -40 +80 °C	 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	57.9 mm
width	29.9 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	14.4 mm
installation width	29.9 mm
installation depth	25.7 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=3SU1031-3AB42-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-3AB42-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-3AB42-0AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-3AB42-0AA0-Z Y11&lang=en

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1/26/2022 🖸