SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic with metal front ring, blue, pushbutton, flat, latching, Push-to-release mechanism

product brand name product designation Pushbuttons design of the product product type designation product time Pisatic with metal front ring, matt, 22 mm Individual product standard points Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional Individual product over the actuating element product catuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic product component front ring product component front ring product component front ring general extension optional product optional data product optional data product optional data protection class IP degree of protection NEMA rating protection class IP degree of protection NEMA rating protection class IP degree of protection NEMA rating protection resistance according to IEC 60068-2-27 after railway applications according to EN 61373 category 1, Class B Vibration resistance according to IEC 60068-2-2 according to IEC 60068-2-3 broad resistance according to IEC 60068-2-4 for railway applications according to EN 61373 Category 1, Class B Vibration resistance according to IEC 60068-2-5 broad railway applications according to EN 61373 Category 1, Class B Vibration resistance according to IEC 60068-2-5 broad railway applications according to EN 61373 Category 1, Class B Vibration resistance according to IEC 60068-2-6 broad railway application according to EN 61373 Category 1, Class B Vibration resistance according to IEC 60068-2-6 broad railway application according to EN 61373 Category 1, Class B Vibration resistance according to IEC 60068-2-6 broad railway application according to E			
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product type designation product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element latching light source No	product designation	Pushbuttons	
product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator design of the actuating element Flat button principle of operation of the actuating element latching product extension optional	design of the product	Actuating/signaling element	
Interpretation of the actuating element product extension optional element product extension element place element product extension element place element product extension element element element product element	product type designation	3SU1	
number of command points 1 Actuator design of the actuating element Flat button principle of operation of the actuating element Iatching product extension optional • light source No • contact module Yes color of the actuating element blue material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.5 mm type of unlocking device push-to-unlatch mechanism Front ring Yes design of the front ring Standard material of the front ring Metal, matt color of the front ring Standard material of the front ring Standard material of the front ring Protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock 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 cherefore code according to IEC 81346-2 S Substance Prohibitance (Date) Molival Conditions mmechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) Molival Conditions mbient temperature • during operation -25 +70 °C	product line	Plastic with metal front ring, matt, 22 mm	
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principle of operation of the actuating element product extension optional • light source • contact module Yes color of the actuating element blue material of the actuating element shape of the actuating element outer diameter of the actuating element type of unlocking device push-to-unlatch mechanism Front ring product component front ring design of the front ring Metal, matt color of the front ring Standard material of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum nechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation	Actuator		
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type of unlocking device push-to-unlatch mechanism Front ring product component 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 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 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 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	shape of the actuating element	round	
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for railway applications according to EN 61373 vibration resistance	shock resistance		
vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms	
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mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 500 000 10/01/2014 Ambient conditions -25 +70 °C	 for railway applications according to EN 61373 	Category 1, Class B	
reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	operating frequency maximum	1 800 1/h	
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	mechanical service life (operating cycles) typical	500 000	
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	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		

General Product Approval

Declaration of Conformity



Confirmation









Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>









other

Confirmation

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1030-0AA50-0AA0

Cax online generator

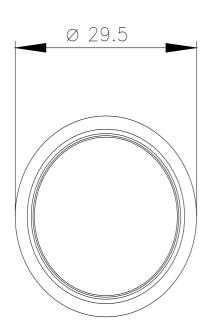
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-0AA50-0AA0

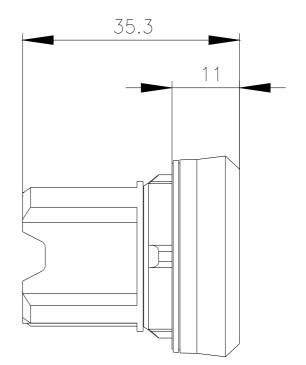
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-0AA50-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-0AA50-0AA0&lang=en





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