SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic, clear, pushbutton, flat momentary contact type, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

Actuator design of the actuating element principle of operation of the actuating element product extension optional light source No Actuating element plastic shape of the actuating element product extension optional light source No Actuating element plastic shape of the actuating element product extension optional plastic shape of the actuating element plastic protection ring plastic plastic protection ring protection ring plastic protection ring protection ring protection ring plastic protection ring protection ring protection ring protectio	product brand name	SIRIUS ACT	
product type designation product line Plastic, black, 22 mm Preclosure number of command points design of the actuating element product extension optional light source oconat module color of the actuating element product extension optional light source oconat module locor of the actuating element passic color of the actuating element pouter diameter of the actuating element product component front ring plastic color of the front ring plastic color of the front ring plastic color of the front ring protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 poerating frequency maximum according to IEC 60068-2-6 or or railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 or or railway applications according to EN 61373 category 1, Class B substance Prohibitance (Date) 10, 000 000 10, 1001/2014 Ambient conditions ambient temperature	product designation	Pushbuttons	
product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element momentary contact type product extension optional elight source ontact module yes contact module yes contact module yes contact module yes contact module yes ontact module yes ontact atting element plastic plastic shape of the actuating element plastic plastic plastic shape of the actuating element plastic p	design of the product	Actuating/signaling element	
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product extension optional light source No	design of the actuating element	Flat button	
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e contact module ves color of the actuating element clear material of the actuating element product component front ring design of the front ring material of the front ring material of the front ring product component front ring product component front ring feneral 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 operating frequency maximum reference code according to IEC 681346-2 Substance Prohibitance (Date) ambient conditions and in actuating element clear clear plastic color of the front ring plastic black Pe6 protection class IP protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 category 1, Class B	product extension optional		
color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element arking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuratori/Configuration Identification Number (CIN) Front ring Product component front ring design of the front ring material of the front ring plastic color of the front ring black General technical data Protection class IP lP66, IP67, IP69(IP69K) degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms 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 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) ambient conditions ambient temperature	• light source	No	
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shape of the actuating element outer diameter of the actuating element arking of the actuating element arking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring Black 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 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 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	color of the actuating element	clear	
outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring Standard material of the front ring plastic color of the front ring black 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 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	material of the actuating element	plastic	
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring Standard material of the front ring black General technical data protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 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 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature	shape of the actuating element	round	
configurator/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring color of the front ring protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 operating frequency maximum poperating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions Yes Yes Standard Yes Yes Ves Standard Ple6, IP67, IP69(IP69K) IP69, IP69, IP69(IP69K) I, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms 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 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	outer diameter of the actuating element	29.5 mm	
product component front ring design of the front ring material of the front ring plastic color of the front ring black 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 of ror 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 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	marking of the actuating element		
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protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	material of the front ring	plastic	
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 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	color of the front ring	black	
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 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 operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	General technical data		
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 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	protection class IP	IP66, IP67, IP69(IP69K)	
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 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
for railway applications according to EN 61373 Category 1, Class B 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 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	 for railway applications according to EN 61373 	Category 1, Class B	
• for railway applications according to EN 61373 Operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	vibration resistance		
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mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	 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 Ambient conditions ambient temperature	operating frequency maximum	3 600 1/h	
Substance Prohibitance (Date) Ambient conditions ambient temperature	mechanical service life (operating cycles) typical	10 000 000	
Ambient conditions ambient temperature	reference code according to IEC 81346-2	S	
ambient temperature	Substance Prohibitance (Date)	10/01/2014	
	Ambient conditions		
• during operation -25 +70 °C	ambient temperature		
-20 170 O	 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			
Further information			

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=3SU1000-0AB70-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-0AB70-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0AB70-0AA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-0AB70-0AA0-Z Y19&lang=en

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