SIEMENS

Data sheet



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, blue, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product type designation design of the product product type designation product type designation product type designation product type designation product line Plastic with metal front ring, matt, 22 mm Plastic with metal front ring, matt, 2	product brand name	SIRIUS ACT	
product type designation product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator design of the actuating element product extension optional elight source contact module color of the actuating element shape of the actuating element parking of the actuating element material of the actuating element couter diameter of the actuating element marking of the actuating element arking of the actuating element configurator/Configurator/Configuration Identification Number (CIN) type of unlocking device push-to-unlatch mechanism product component front ring ground to the front ring ground to the front ring material of the front ring Metal, matt color of the front ring degree of protection NEMA rating shock resistance according to IEC 60068-2-7 of or railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B substance Prohibitance (Date) Substance Prohibitance (Date) 10/01/2014	product designation	Illuminated pushbuttons	
product line Plastic with metal front ring, matt, 22 mm Enclosure number of command points Actuator design of the actuating element product extension optional light source contact module Yes contact module yes cotor of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element arriving of the actuating element plastic shape of the actuating element plastic shape of the actuating element arriving of the actuating element plastic shape of the actuating element arriving of the actuating element plastic shape of the actuating element arriving arriving the actuating element arriving the actuating element arriving the actuating element arriving arriving the actuating element actuating element arriving arriving the actuating element actuation element actuation element actuation element actuation element actuati	design of the product	Actuating/signaling element	
Enclosure number of command points 1 Actuator design of the actuating element Italian It	product type designation	3SU1	
number of command points 1 Actuator design of the actuating element principle of operation of the actuating element latching product extension optional • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element round 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 configuration/Configuration Identification Number (CIN) 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, X, 12, 13 shock resistance • according to IEC 60068-2-6 • a cording to IEC 60068-2-6 • 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 yoperating frequency maximum 1800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	product line	Plastic with metal front ring, matt, 22 mm	
Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element plastic shape of the actuating element plastic shape of the actuating element arround outer diameter of the actuating element arround outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) type of unlocking device push-to-unlatch mechanism product component front ring Yes design of the front ring Standard material of the front ring and sad yas arround sad yas	Enclosure		
design of the actuating element principle of operation of the actuating element product extension optional	number of command points	1	
principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) type of unlocking device product component front ring product component front ring design of the front ring material of the front ring Conord 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 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) latching Yes Latching Yes Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) push-to-unlatch mechanism Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Any increase or symbol, can only symbol, can on	Actuator		
product extension optional light source Yes	design of the actuating element	Flat button	
● light source ● contact module Color of the actuating element blue material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Tound outer diameter of the actuating element Pays mm Marking of the actuating element Tound outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Type of unlocking device Push-to-unlatch mechanism Front ring product component front ring design of the front ring Standard material of the front ring Standard material of the front ring Standard material of the front ring 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 vibration resistance ■ according to IEC 60068-2-6 ■ for railway applications according to EN 61373 operating frequency maximum 1800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	principle of operation of the actuating element	latching	
ocntact module color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element arriving of the actuating element configurator/Configuration Identification Number (CIN) type of unlocking device push-to-unlatch mechanism Product component front ring design of the front ring material of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance	product extension optional		
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material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element type of unlocking device push-to-unlatch mechanism product component front ring design of the front ring material of the front ring 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 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) plastic round round round reference code according to IEC 81346-2 Substance Prohibitance (Date)	contact module	Yes	
shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) type of unlocking device push-to-unlatch mechanism Front ring product component front ring	color of the actuating element	blue	
outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) push-to-unlatch mechanism Front ring product component front ring design of the front ring material of the front ring Color 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 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10.00 1/2014	material of the actuating element	plastic	
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator Identification Number (CIN) type of unlocking device push-to-unlatch mechanism Front ring product component front ring	shape of the actuating element	round	
configuration / Configuration Identification Number (CIN) type of unlocking device push-to-unlatch mechanism Front ring product component front ring	outer diameter of the actuating element	29.5 mm	
product component front ring design of the front ring material of the front ring Color 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 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	marking of the actuating element		
product component front ring design of the front ring material of the front ring Color of the front ring Standard 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 • 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 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	type of unlocking device	push-to-unlatch mechanism	
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material of the front ring color of the front ring sand gray 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 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Metal, matt sand gray Metal, matt sand gray IP66, IP67, IP69(IP69K) In 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B 10 500 Hz: 5g 500 000	product component front ring	Yes	
color of the front ring 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 for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	design of the front ring	Standard	
protection class IP	material of the front ring	Metal, matt	
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 for railway applications according to EN 61373 category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	color of the front ring	sand gray	
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 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 1, 2, 3, 3R, 4, 4X, 12, 13 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms Category 1, Class B 10 500 Hz: 5g 500 000	General technical data		
shock resistance	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 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
 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 1 800 1/h mechanical service life (switching cycles) typical for our content of the content of the	shock resistance		
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 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 (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) 10 500 Hz: 5g 50 0 00 500 000 10/01/2014 	 for railway applications according to EN 61373 	Category 1, Class B	
● for railway applications according to EN 61373 Operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Category 1, Class B 500 000 500 000 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 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%)
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	

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=3SU1031-0AA50-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0AA50-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0AA50-0AA0-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=3SU1031-0AA50-0AA0-Z Y19&lang=en

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