SIEMENS

Data sheet



Stop button, 22 mm, round, plastic, red, pushbutton raised, latchable after pushing in by rotating clockwise, unlatch by rotating counter-clockwise

product designation Pushbuttons design of the product Actualing/signaling element product type designation product tine Plastic, black, 22 mm Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element elight source confact module Yes color of the actuating element shape of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional elight source color of the actuating element plastic phastic phastic phastic product component front ring plastic color of the front ring plastic protection class IP lie6, IP67, IP69(IP68K) degree of protection NEMA rating product component front ring degree of protection NEMA rating product component front ring liack Ceneral technical data protection class IP lie6, IP67, IP69(IP68K) degree of protection NEMA rating product component front ring liack Ceneral technical data protection 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 liack of the round resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum liack of the round resistance according to IEC 60068-2-6 liack of the railway applications according to EN 61373 operating frequency maximum liack of the round resistance according to IEC 60068-2-6 liack of the railway applications according to EN 61373 operating frequency maximum liack of the round resistance according to IEC 60068-2-6 liack of the railway applications according to EN 613	product brand name	SIRIUS ACT
design of the product product type designation product type designation product time Plastic, black, 22 mm In the product lime Plastic, black, 22 mm Plastic, black, 22 mm Plastic, black, 22 mm In the product lime Plastic black, 22 mm Stop pushbutton momentary contact, can be latched after pressing by rotating to the right, anticlockwise rotation to unlatch Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product extension optional Product dameter of the actuating element Product in type of unlocking device Protont ring Product component front ring Product component front ring Product component front ring Product component front ring Plastic Protoction Class IP Protoction Clas	·	
product type designation product line Plastic, black, 22 mm Picatosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element momentary contact, can be latched after pressing by rotating to the right, anticlockwise rotation to unlatch product extension optional ight source contact module yes color of the actuating element material of the actuating element plastic shape of the actuating element shape of the actuating element yes of unlocking device rotale-to-unlatch mechanism product component front ring design of the front ring product component front ring design of the front ring plastic color of the front ring plastic 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 product service Iffe (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature		
product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element Stop pushbutton momentary contact, can be latched after pressing by rotating to the right, anticockwise rotation to unlatch product extension optional		
Inumber of command points Actuator design of the actuating element principle of operation of the actuating element which is a contact, can be latched after pressing by rotating to the right, anticlockwise rotation to unlatch product extension optional legist source contact module ves color of the actuating element material of the actuating element shape of the actuating element round outer diameter of the actuating element type of unlocking device rotate-to-unlatch mechanism round outer diameter of the actuating element round outer diameter of the actuating element yes of unlocking device rotate-to-unlatch mechanism round outer diameter of the actuating element yes of unlocking device rotate-to-unlatch mechanism Front ring Standard material of the front ring design of the front ring plastic color of the front ring plastic color of the front ring plastic color of the front ring Ple6, IP67, IP86(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 Category 1, Class B over the resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B over the resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) 1001/2014 Ambient conditions ambient temperature		
mumber of command points Actuator design of the actuating element principle of operation of the actuating element momentary contact, can be latched after pressing by rotating to the right, anticlockwise rotation to unlatch Product extension optional • light source • contact module Color of the actuating element red material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element plastic type of unlocking device rotate-to-unlatch mechanism Front ring product component front ring plastic design of the front ring plastic color of the front ring color of the front ring color of the front ring plastic front ring ring	•	Tidoto, bidot, El IIIII
Actuator design of the actuating element Stop pushbutton momentary contact, can be latched after pressing by rotating to the right, anticlockwise rotation to unlatch product extension optional i light source No contact module Yes color of the actuating element red material of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element 29.5 mm type of unlocking device rotate-to-unlatch mechanism product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black Ceneral 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 10 500 Hz: 5g actegory 1, Class B operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 1000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Ambient conditions ambient temperature		1
design of the actuating element momentary contact, can be latched after pressing by rolating to the right, anticlockwise rotation to unlatch product extension optional light source No	-	
principle of operation of the actuating element product extension optional Iight source		Ston nushbutton
● 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 type of unlocking device Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring 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 operating frequency maximum frequency maximum frequency maximum frequency maximum frequency maximum frequency maximum ambient temperature		momentary contact, can be latched after pressing by rotating to the right,
ocntact module color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element type of unlocking device rotate-to-unlatch mechanism Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring design of the front ring plastic color of the front ring design of the front ring plastic color of the front ring degree of protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	product extension optional	
color of the actuating element red 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 rotate-to-unlatch mechanism Front ring product component front ring Yes design of the front ring plastic color of the front ring	• light source	No
material of the actuating element shape of the actuating element outer diameter of the actuating element type of unlocking device rotate-to-unlatch mechanism round outer diameter of the actuating element type of unlocking device rotate-to-unlatch mechanism round outer diameter of the actuating element type of unlocking device rotate-to-unlatch mechanism round outer diameter of the actuating element type of unlocking device rotate-to-unlatch mechanism round Yes design of the front ring Standard material of the front ring plastic color of the front ring black Ceneral technical data protection class IP lP66, 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 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	• contact module	Yes
shape of the actuating element outer diameter of the actuating element type of unlocking device Front ring product component front ring design of the front ring material of the front ring 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 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	color of the actuating element	red
outer diameter of the actuating element type of unlocking device Front ring product component front ring design of the front ring color 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 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	material of the actuating element	plastic
type of unlocking device rotate-to-unlatch mechanism 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 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 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	shape of the actuating element	round
product component 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 1 800 1/h mechanical service life (operating cycles) typical 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 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	type of unlocking device	rotate-to-unlatch mechanism
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 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	Front ring	
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 • 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 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	product component front ring	Yes
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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	design of the front ring	Standard
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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	material of the front ring	plastic
protection class IP 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 • 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	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 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	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 (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 • 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	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	 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 1 800 1/h mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature 10 500 Hz: 5g Category 1, Class B 0 00 000 1 000 000 Tolon 000<!--</th--><th> for railway applications according to EN 61373 </th><th>Category 1, Class B</th>	 for railway applications according to EN 61373 	Category 1, Class B
● 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	vibration resistance	
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	 according to IEC 60068-2-6 	10 500 Hz: 5g
mechanical service life (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	 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	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) Ambient conditions ambient temperature	mechanical service life (operating cycles) typical	1 000 000
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	
	 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	32.7 mm
installation width	29.5 mm
installation depth	24.3 mm
Certificates/ approvals	

General Product Approval

Declaration of Conformity



Confirmation







Test Certificates

Marine / Shipping

other

Type Test Certificates/Test Report









Confirmation

Environment

Environmental Confirmations

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,...)

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-0HC20-0AA0

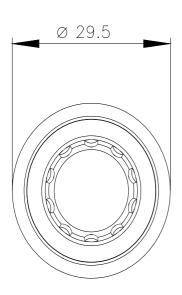
Cax online generator

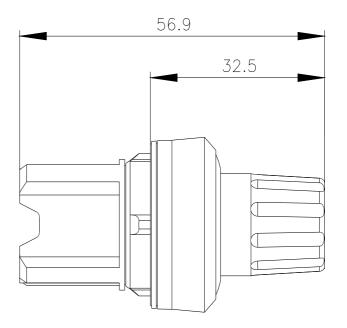
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-0HC20-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0HC20-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-0HC20-0AA0&lang=en





last modified: 1/26/2022 🖸