SIEMENS

Data sheet



Illuminated mushroom pushbutton, 22 mm, round, plastic, green, 40mm, latching, pull-to-unlatch mechanism, with laser labeling, lower case

product designation design of the product product type designation product type designation product type designation product type designation product line Plastic, black, 22 mm Enclosure **The state of the actual product type designation product line **The state of the actual product type designation to the actual product type designation to the actual product extension optional light source product of the actualing element product draw actualing element product draw actualing element plastic product draw actualing element product draw actualing element product draw actualing element product draw actualing element product of the actualing element product component front ring product component front ring product component front ring plastic product component front ring plastic product function EMERGENCY OFF function EMERGENCY OFF function EMERGENCY STOP function Product function EMERGENCY STOP function EMERGENCY STOP function Accurate according to IEC 60088-2-27 For railway applications according to EN 61373 Sibration resistance according to IEC 60088-2-6 For railway applications according to EN 61373 Category 1, Class B Operating frequency maximum Proference code according to IEC 81346-2 Substance Prohibitance (Oate) JUDI/2014		
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color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element A0 mm marking of the actuating element Customized labeling, text in lower case letters type of unlocking device pull-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 plastic color of the front ring black product function • EMERGENCY OFF function No • EMERGENCY STOP function No • EMERGENCY STOP function No protection class IP lefe, 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 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 reference code according to IEC 61346-2 S Substance Prohibitance (Date)	principle of operation of the actuating element	latching
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case letters type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring Standard material of the front ring color of the front ring black Ceneral technical data product function EMERGENCY OFF function EMERGENCY STOP function EMERGENCY STOP function In protection class IP Degree of protection NEMA rating Shock resistance according to IEC 60068-2-27 of rallway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of rallway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service life (operating cycles) typical 5 Substance Prohibitance (Date) 10/01/2014	product extension optional light source	Yes
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type of unlocking device number of switching positions 2 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 product function • EMERGENCY OFF function • EMERGENCY STOP function No • EMERGENCY STOP function No 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)	outer diameter of the actuating element	40 mm
number of switching positions 2 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 product function • EMERGENCY OFF function No • EMERGENCY STOP function No 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 reference code according to IEC 81346-2 S Substance Prohibitance (Date)	marking of the actuating element	Customized labeling, text in lower case letters
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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) 1, 2, 3, 3R, 4, 4X, 12, 13 1, 2, 3, 3R, 4, 4X, 12, 13 1 ms Category 1, Class B Category 1, Class B Operating frequency maximum 1 800 1/h Sou 000 reference code according to IEC 81346-2 Substance Prohibitance (Date)	EMERGENCY STOP function	No
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 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	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) sinusoidal half-wave 15g / 11 ms Category 1, Class B 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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mechanical service life (operating 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 (operating cycles) typical	500 000
	reference code according to IEC 81346-2	S
Ambient conditions	Substance Prohibitance (Date)	10/01/2014
Ambient Conditions	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	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	27.5 mm
installation width	40 mm
installation depth	24.4 mm
Certificates/ approvals	

urther 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=3SU1001-1BA40-0AA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1BA40-0AA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1BA40-0AA0-Z Y12

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1BA40-0AA0-Z Y12&lang=en

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