SIEMENS

Data sheet



Mushroom pushbutton, 22 mm, round, plastic with metal front ring, red, 40mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case

product brand name product type designation design of the product product type designation product time Plastic with metal front ring, matt, 22 mm Enclosure number of command points 1 Actuator principle of operation of the actuating element product large type to the actuating element product extension optional light source No color of the actuating element material of the actuating element shape of the actuating element where the actuating element shape of the actuating element where the actuating element where the actuating element color of the actuating element where the actuating element where the actuating element where the actuating element where the actuating element Customized labeling, text in capital letters type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring sand gray General technical data product function EMERGENCY OFF function EMERGENCY STOP function EMERGENCY STOP function EMERGENCY STOP function 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 1 800 t/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient temperature		
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material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element Customized labeling, text in capital letters type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring product component front ring Standard material of the front ring Metal, matt color of the front ring sand gray Ceneral technical data product function No • 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) 10/01/2014 Ambient conditions	product extension optional light source	No
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outer diameter of the actuating element marking of the actuating element 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 sand gray General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function • EMERGENCY STOP function of 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 nechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Substance Prohibitance (Date) Substance Prohibitance (Date)	material of the actuating element	plastic
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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 General technical data product function • EMERGENCY OFF function • 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 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 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 1800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	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 Metal, matt color of the front ring Sand gray 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 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1800 1/h mechanical service life (operating cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	marking of the actuating element	Customized labeling, text in capital letters
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color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function • 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 • 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	design of the front ring	Standard
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product function • EMERGENCY OFF function • EMERGENCY STOP function No 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 1 800 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions	color of the front ring	sand gray
EMERGENCY OFF function EMERGENCY STOP function No 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	General technical data	
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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 • 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	EMERGENCY STOP function	No
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	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	
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according to IEC 60068-2-6 for railway applications according to EN 61373 Oategory 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	 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 Category 1, Class B 1 800 1/h 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date)	vibration resistance	
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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 Ambient conditions	 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	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) Ambient conditions	mechanical service life (operating cycles) typical	500 000
Ambient conditions	reference code according to IEC 81346-2	S
	Substance Prohibitance (Date)	10/01/2014
ambient temperature	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	
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=3SU1030-1BA20-0AA0-Z Y11

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1030-1BA20-0AA0-Z~Y11}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-1BA20-0AA0-Z Y11

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-1BA20-0AA0-Z Y11&lang=en

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