SIEMENS

Data sheet



Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, blue, 40 mm, latching, pull-to-unlatch mechanism, Z=50-unit packaging

product designation design of the product product type designation product type designation product type designation product type designation product tine Inclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element shape of the actuating element type of unlocking device number of switching positions product component front ring product component front ring general technical data product function EMERGENCY OFF function EMERGENCY STOP function EMERGENCY STOP function EMERGENCY STOP function Actuating lement In 1806, 1867, 1968 (1968) Belle 1967, 1968 (1968) 1 2, 3, 3R, 4, 4X, 12, 13 Shock resistance According to IEC 60068-2-6 poperating frequency maximum 1 800 Hz. 5g Destance Prohibitance (Date) Ambient conditions ambient temperature design of the Contension Actuating sistens alluminated Illuminated Illu	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element shape 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 Metal, high gloss color of the front ring sliver General technical data Product function EMERGENCY OFF function EMERGENCY OFF function EMERGENCY STOP function Protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Amblent conditions ambient temperature	product designation	Mushroom pushbuttons
product line Metal, shiny, 22 mm Enclosure number of command points 1 Actuator design of the actuating element illuminated principle of operation of the actuating element blue product extension optional light source Yes color of the actuating element blue material of the actuating element plastic shape of the actuating element outer diameter of the actuating element ype of unlocking device pull-to-unlatch mechanism number of switching positions Pront ring Yes design of the front ring Yes design of the front ring Standard material of the front ring silver Color of the front ring Standard material of the front ring silver General technical data product function No EMERGENCY STOP function No 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 wibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 l/h mechanical service life (switching cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	design of the product	Actuating/signaling element
Inumber of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element type of unlocking device number of switching positions Front ring product component front ring design of the front ring material of the front ring element solver Standard material of the front ring material of the front ring element product function EMERGENCY OFF function EMERGENCY OFF function EMERGENCY STOP function Protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-7 vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	product type designation	3SU1
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material of the actuating element shape of the actuating element outer diameter of the actuating element type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring color of the front ring silver 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 vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Hong India (1000) Substance Prohibitance (Date) Ambient conditions ambient temperature	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element type of unlocking device number of switching positions 2 Pront ring product component front ring design of the front ring material of the front ring silver General technical data Product function EMERGENCY OFF function EMERGENCY STOP function Protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	color of the actuating element	blue
outer diameter 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 Standard material of the front ring silver General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching 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 pull-to-unlatch mechanism number of switching positions 2 Front ring	shape of the actuating element	round
number of switching positions Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring General technical data product function • EMERGENCY OFF 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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	outer diameter of the actuating element	40 mm
product component front ring product component front ring design of the front ring Metal, high gloss color of the front ring general technical data product function • EMERGENCY OFF function • EMERGENCY STOP function No 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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	type of unlocking device	pull-to-unlatch mechanism
product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Silver General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function No • EMERGENCY STOP function protection class IP degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	number of switching positions	2
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 IP66, IP67, IP69(IP69K) degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	Front ring	
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color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function • EMERGENCY STOP function 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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	design of the front ring	Standard
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 vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions and No	material of the front ring	Metal, high gloss
product function • EMERGENCY OFF function • EMERGENCY STOP function No 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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 • according to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	color of the front ring	silver
■ EMERGENCY OFF 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 sinusoidal half-wave 15g / 11 ms vibration resistance ■ according to IEC 60068-2-6 operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature	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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	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 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 1 800 1/h mechanical service life (switching cycles) typical freference 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
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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 Ambient conditions ambient temperature	vibration resistance	
mechanical service life (switching cycles) typical 500 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature	operating frequency maximum	1 800 1/h
Substance Prohibitance (Date) Ambient conditions ambient temperature	mechanical service life (switching cycles) typical	500 000
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	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	

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=3SU1051-1BA50-0AA0-Z X90

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1051-1BA50-0AA0-Z~X90}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA50-0AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1BA50-0AA0-Z X90&lang=en

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