SIEMENS

Data sheet

3SU1051-1CD60-0AA0-Z Y11



Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, white, 60 mm, momentary contact type, with laser labeling, upper case

product brand name SIRIUS ACT product designation Mushroom pushbuttons design of the product Actuating/signaling element product type designation 3SU1 product line Mushroom pushbuttons Actuating signation 3SU1 product line Mushroom pushbuttons Actuating signation 3SU1 product line Mushroom pushbuttons Actuating signation 1 Actuator Mushroom pushbuttons design of the actuating element Illuminated product extension optional light source Yes color of the actuating element white material of the actuating element plastic shape of the actuating element court of the actuating element outer diameter of the actuating element Customizel labeling, text in capital letters number of switching positions 2 front ring Yes outer diameter of the front ring Standard material of the front ring Standard material of the front ring Standard edesign of the front ring </th <th></th> <th></th>		
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principle of operation of the actuating element momentary contact type product extension optional light source Yes color of the actuating element while material of the actuating element plastic shape of the actuating element 60 mm marking of the actuating element 60 mm marking of the actuating element Customized labeling, text in capital letters number of switching positions 2 Front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring Silver General technical data product function No EMERGENCY OFF function No e. EMERGENCY OFF 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 000 1/h eaccording to IEC 60068-2-6 10 500 Hz: 5g	Actuator	
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color of the actuating element white material of the actuating element round outer diameter of the actuating element 60 mm marking of the actuating element Customized labeling, text in capital letters number of switching positions 2 Front ring Ves design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data Product function product function No • EMERGENCY STOP function No • EMERGENCY STOP function No • 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 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	principle of operation of the actuating element	momentary contact type
material of the actuating element plastic shape of the actuating element Found outer diameter of the actuating element 60 mm marking of the actuating element Customized labeling, text in capital letters number of switching positions 2 Front ring Yes product component front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data Product function product function No • EMERGENCY OFF 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 vibration resistance according to IEC 60068-2-5 operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Amblent conditions -25 +70 °C	product extension optional light source	Yes
shape of the actuating element round outer diameter of the actuating element 60 mm marking of the actuating element Customized labeling, text in capital letters number of switching positions 2 Front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring Silver General technical data	color of the actuating element	white
outer diameter of the actuating element 60 mm marking of the actuating element Customized labeling, text in capital letters number of switching positions 2 Front ring product component front ring product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data	material of the actuating element	plastic
marking of the actuating element Customized labeling, text in capital letters number of switching positions 2 Front ring yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General tachnical data	shape of the actuating element	round
number of switching positions 2 Front ring Product component front ring product component front ring Standard material of the front ring Metal, high gloss color of the front ring Silver General technical data Product function product function No • EMERGENCY OFF 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 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	outer diameter of the actuating element	60 mm
Front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data Forduct function product function No • EMERGENCY OFF function No protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance 0 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Amblent conditions -25 +70 °C	marking of the actuating element	Customized labeling, text in capital letters
product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data	number of switching positions	2
design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver General technical data silver 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 sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance 000 000 • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 *C	Front ring	
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color of the front ring silver General technical data	design of the front ring	Standard
General technical data product function • EMERGENCY OFF 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 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation	material of the front ring	Metal, high gloss
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	color of the front ring	silver
• EMERGENCY OFF functionNo• EMERGENCY STOP functionNoprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance-• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 msvibration resistance-• according to IEC 60068-2-610 500 Hz: 5goperating frequency maximum3 600 1/hmechanical service life (operating cycles) typical3 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Ambient conditions-25 +70 °C	General technical data	
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• according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	vibration resistance	
mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions -25 +70 °C	 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 -25 +70 °C	operating frequency maximum	3 600 1/h
Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	mechanical service life (operating cycles) typical	3 000 000
Ambient conditions ambient temperature • during operation -25 +70 °C	reference code according to IEC 81346-2	S
ambient temperature • during operation -25 +70 °C	Substance Prohibitance (Date)	10/01/2014
• during operation -25 +70 °C	Ambient conditions	
	ambient temperature	
• during storage -40 +80 °C	during operation	-25 +70 °C
	during storage	-40 +80 °C

environmental category during operation according to IE	С
60721	

3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

Installation/ mounting/ dimensions	
height	60 mm
width	60 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	60 mm
installation depth	24.4 mm
Certificates/ approvals	
Fronthe and the former efforts	

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=3SU1051-1CD60-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1CD60-0AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1CD60-0AA0-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=3SU1051-1CD60-0AA0-Z Y11&lang=en

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