3SU1050-1BD10-0AA0-Z Y15

Data sheet



Mushroom pushbutton, 22 mm, round, metal, shiny, black, 40 mm, momentary contact type, with laser labeling, upper case and lower case, always upper case at the beginning of the word

Mushroom pushbuttons Actualing/signaling element Actualing/signaling element SSU1 S	product brand name	SIRIUS ACT
product type designation product tine Retal, shiny, 22 mm Retal, s	product designation	Mushroom pushbuttons
product line Metal, shiny, 22 mm Enclosure Inumber of command points Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element puter diameter di	design of the product	Actuating/signaling element
number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element outer diameter of the actuating element arking of the actuating element outer diameter of the actuating element could admeter of the actuating element outer diameter of the actuating element capital letters number of switching positions 2 Front ring product component front ring design of the front ring sliver color of the front ring color of the front ring where it is in the front ring color of the front ring color of the front ring energy locations Front respectively function EMERGENCY OFF function EMERGENCY STOP function EMERGENCY STOP function Solver election results product forestion results protection class IP degree of protection NEMA rating shock resistance according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) - Ambient conditions - during operation	product type designation	3SU1
number of command points Actuator principle of operation of the actuating element product extension optional light source No	product line	Metal, shiny, 22 mm
Actuator 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 Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 Product component front ring f	Enclosure	
principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element outer diameter of the actuating element product glameter of the actuating element arrain of the actuating element outer diameter of the actuating element arrain of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions Tent ring Product component front ring design of the front ring design of the front ring silver General technical data Product function EMERGENCY OFF function EMERGENCY OFF function EMERGENCY STOP function Protection class IP Design of protection NEMA rating shock resistance according to IEC 60068-2-6 operating frequency maximum exchanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) ambient temperature e during operation product conditions ambient temperature e during operation No 25 +70 °C	number of command points	1
product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element arking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 Front ring product component front ring design of the front ring Metal, high gloss color of the front ring silver General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function • EMERGENCY STOP function No 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 10 500 Hz: 5g Operating frequency maximum as 600 t/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation Place Author actuating shader actuating element vound v	Actuator	
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material of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 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 Product function • EMERGENCY OFF function No • EMERGENCY STOP 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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 800 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation	product extension optional light source	No
shape of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 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 product function • EMERGENCY OFF 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 • according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation - 25 +70 °C	color of the actuating element	black
outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters product component front ring design of the front ring material of the front ring color of the front ring emeral technical data product function EMERGENCY OFF function EMERGENCY STOP function EMERGENCY STOP function Mo 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature e during operation Customized labeling, text in lower case / capital letters, all words start with capital letters capital letters Customized labeling, text in lower case / capital letters, all words start with capital letters 2 Customized labeling, text in lower case / capital letters, all words start with capital letters 2 Customized labeling, text in lower case / capital letters 2 Substance Prohibitance (Date) 10 10 10 10 10 10 10 10 10 1	material of the actuating element	plastic
marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of switching positions 2 Front ring product component front ring	shape of the actuating element	round
capital letters number of switching positions 2 Front ring product component front ring	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 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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation	marking of the actuating element	
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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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) ambient temperature • during operation Metal, high gloss silver No No Pe6(, IP67, IP69(IP69K) 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 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient temperature • during operation	product component front ring	Yes
color of the front ring General technical data product function • EMERGENCY OFF function • EMERGENCY STOP function • Description of the foot of the function of the functio	design of the front ring	Standard
product function • EMERGENCY OFF function • EMERGENCY STOP 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 (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation No No No No 1P66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms vibration resistance • inusoidal half-wave 15g / 11 ms 10 500 Hz: 5g 10 500 Hz: 5g 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014	material of the front ring	Metal, high gloss
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 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	color of the front ring	silver
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 vibration resistance • according to IEC 60068-2-6 according to IEC 60068-2-6 operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation Professional Professional No No No No No No IP66, IP67, IP69(IP69K) 10 50 IP69, IP69(IP69K) 10 50 IP69, IP69, IP69(IP69K) IP66, IP67, IP69(IP69K) IP66, IP67, IP69(IP69K) IP66, IP67, IP69(IP69K) In 00 No IP66, IP67, IP69(IP69K) IP66, IP67, IP69(IP68K) IP66, IP67, IP69(IP68	General technical data	
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 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation -25 +70 °C	product function	
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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 3 600 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 1, 2, 3, 3R, 4, 4X, 12, 13 10 000 000 10 500 Hz: 5g 10 500 Hz: 5g 10 000 000 10 000 000 10 000 000 10 000 00	EMERGENCY STOP function	No
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 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	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 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature during operation -25 +70 °C	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
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 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -25 +70 °C	shock resistance	
according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014 Ambient conditions ambient temperature • during operation -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 reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 3 600 1/h 10 000 000 10 000 10 000 000 10 000 00	vibration resistance	
mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation 10 000 000 S S -25 +70 °C	• according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	operating frequency maximum	3 600 1/h
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation -25 +70 °C	mechanical service life (operating cycles) typical	10 000 000
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 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=3SU1050-1BD10-0AA0-Z Y15

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1050-1BD10-0AA0-Z~Y15-0AA0-$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1BD10-0AA0-Z Y15

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1BD10-0AA0-Z Y15&lang=en

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