## **SIEMENS**

Data sheet 3SB3000-0AA51



22MM PLASTIC ROUND ACTUATOR: PUSHBUTTON WITH FLAT BUTTON WITH HOLDER BLUE !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor type is >>3SU1000-0AB50-0AA0 + 3SU1500-0AA10-0AA0<<

Figure similar

Enclosure  number of command points  1  Actuator  design of the actuating element	design of the product	Single device round	
number of command points 1 Actuator  design of the actuating element Pushbutton principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element blue material of the actuating element plastic shape of the actuating element plastic shape of the actuating element Plate pushbutton outer diameter of the actuating element Plastic  product component front ring Plastic  design of the front ring Plastic  Color of the front ring Plastic  Coneral technical data  product function  • EMERGENCY OFF function No • EMERGENCY OFF function No • EMERGENCY OFF function No • EMERGENCY STOP function No • Derotection class IP IP66  vibration resistance according to IEC 60068-2-6 20 200 Hz; 5g  operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 1000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1 1.2 Nm  Ambient temperature • during operation -25 +70 °C • during operation -25 +70 °C • during storage environmental category during operation according to IEC			
Actuator  design of the actuating element product extension optional light source No Subset Standard S	number of command points	1	
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element pype of unlocking device without number of switching positions product component front ring design of the front ring material of the front ring design of the front ring material of the front ring material of the holder plastic  General technical data product function EMERGENCY STOP function Picker Stop Punction No EMERGENCY STOP function Protection class IP vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical reference code according to IEC 61346-2 Substance Prohibitance (Date) Connections/Terminals tightening torque of the screws in the bracket Ambient conditions author of the condition of the condition of the condition of the condition of the			
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element pype of unlocking device without number of switching positions product component front ring design of the front ring material of the front ring design of the front ring material of the front ring material of the holder plastic  General technical data product function EMERGENCY STOP function Picker Stop Punction No EMERGENCY STOP function Protection class IP vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical reference code according to IEC 61346-2 Substance Prohibitance (Date) Connections/Terminals tightening torque of the screws in the bracket Ambient conditions author of the condition of the condition of the condition of the condition of the	design of the actuating element	Pushbutton	
product extension optional light source		momentary contact type	
material of the actuating element Flat pushbutton outer diameter of the actuating element 28.5 mm type of unlocking device without number of switching positions 2  Front ring  product component front ring Standard material of the front ring plastic color of the front ring black  Holder  material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function No • EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP66  vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions  ambient temperature • during operation • during storage -40 +80 °C environmental category during operation according to IEC 60721	<u> </u>		
shape of the actuating element   Flat pushbutton   outer diameter of the actuating element   28.5 mm   type of unlocking device   without   number of switching positions   2   Front ring	color of the actuating element	blue	
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 standard material of the front ring color of the front ring black Holder material of the holder General technical data  product function  • EMERGENCY OFF function • EMERGENCY OFF function • EMERGENCY STOP function No • EMERGENCY STOP function No • EMERGENCY STOP function No operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical reference code according to IEC 6346-2 Substance Prohibitance (Date)  Connections/ Terminals  tightening forque of the screws in the bracket  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721	material of the actuating element	plastic	
type of unlocking device without number of switching positions 2  Front ring product component front ring Standard material of the front ring plastic color of the front ring black Holder material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function No • EMERGENCY STOP function No • EMERGENCY STOP function No protection class IP IP66 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals tightening torque of the screws in the bracket 1 1.2 N·m  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 80721		Flat pushbutton	
number of switching positions  2  Front ring  product component front ring	outer diameter of the actuating element	28.5 mm	
Front ring  product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder  material of the holder  Plastic  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC 80721	type of unlocking device	without	
product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder  material of the holder  Plastic  General technical data  product function  • EMERGENCY OFF function • EMERGENCY STOP function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Or/o1/2006  Connections/ Terminals  tightening torque of the screws in the bracket  1 1.2 N·m  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC  80721	number of switching positions	2	
design of the front ring material of the front ring plastic color of the front ring black Holder  material of the holder  Plastic  General technical data  product function  EMERGENCY OFF function  EMERGENCY STOP function No  EMERGENCY STOP function No  protection class IP vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Or/01/2006  Connections/ Terminals tightening torque of the screws in the bracket 1 1.2 N·m  Ambient conditions  ambient temperature  during operation  during storage environmental category during operation according to IEC 60721	Front ring	Front ring	
material of the front ring black  Holder  material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function No  • EMERGENCY STOP function No  protection class IP IP66  vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g  operating frequency maximum 1000 1/h  mechanical service life (operating cycles) typical 10 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1 1.2 N·m  Ambient conditions  ambient temperature  • during operation -25 +70 °C  • during storage -40 +80 °C  environmental category during operation according to IEC 3K66  60721	product component front ring	Yes	
color of the front ring black  Holder  material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function No  • EMERGENCY STOP function No  protection class IP IP66  vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g  operating frequency maximum 1 000 1/h  mechanical service life (operating cycles) typical 10 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1 1.2 N·m  Ambient conditions  ambient temperature  • during operation -25 +70 °C  • during storage -40 +80 °C  environmental category during operation according to IEC 60721	design of the front ring	Standard	
material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP66  vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical 10 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals tightening torque of the screws in the bracket 1 1.2 N·m  Ambient conditions amblent temperature • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 3K6 60721	material of the front ring	plastic	
material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC  60721	color of the front ring	black	
product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC  3K6	Holder		
product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  IP66  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  S  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC  3K6  3K6	material of the holder	Plastic	
EMERGENCY OFF function     No     EMERGENCY STOP function     No     protection class IP     IP66  vibration resistance according to IEC 60068-2-6     operating frequency maximum     1 000 1/h     mechanical service life (operating cycles) typical     reference code according to IEC 81346-2     Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature     during operation     during storage     environmental category during operation according to IEC 60721  No     No     No     No     No     IP66  20 200 Hz: 5g  20 200 Hz: 5g  20 200 Hz: 5g  20 200 Hz: 5g  21 200 Hz: 5g  22 200 Hz: 5g  23 200 Hz: 5g  24 200 Hz: 5g  25 200 Hz: 5g  26 200 Hz: 5g  27 200 Hz: 5g  28 200 Hz: 5g  29 200 Hz: 5g  20 200 Hz: 200 H	General technical data		
EMERGENCY STOP function     protection class IP     iP66  vibration resistance according to IEC 60068-2-6     operating frequency maximum     1 000 1/h  mechanical service life (operating cycles) typical     10 000 000  reference code according to IEC 81346-2     S Substance Prohibitance (Date)     O7/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket     1 1.2 N·m  Ambient conditions  ambient temperature     • during operation     • during storage     -40 +80 °C  environmental category during operation according to IEC 60721	product function		
protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1 1.2 N·m  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC  60721	<ul> <li>EMERGENCY OFF function</li> </ul>	No	
vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1 1.2 N·m  Ambient conditions  ambient temperature  • during operation  • during storage  -40 +80 °C  environmental category during operation according to IEC  60721	<ul> <li>EMERGENCY STOP function</li> </ul>	No	
operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC  60721  1 1.000 1/h  1 1.000 000  1 1.2 N·m  1 1.2 N·m  3 1.2 N·m  4 1.2 N·m  3 1.2 N·m  4 1.2 N·m  3 1.2 N·m  4 1.2 N·m  5 1.2 N·m  6 1.	protection class IP	IP66	
mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1 1.2 N·m  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC 60721  10 000 000  8  7//01/2006  11 1.2 N·m  12 N·m  13 N·m  14 N·m  15 N·m  16 N·m  17 N·m  18 N·m  1	vibration resistance according to IEC 60068-2-6	20 200 Hz: 5g	
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1 1.2 N·m  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC 60721  S  S  S  O7/01/2006  5  Connections/ Terminals  1 1.2 N·m  -25 +70 °C  -40 +80 °C	operating frequency maximum	1 000 1/h	
Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC 60721  07/01/2006  1 1.2 N·m  - 25 +70 °C  - 40 +80 °C	mechanical service life (operating cycles) typical	10 000 000	
tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC 60721  • during storage  - 40 +80 °C	reference code according to IEC 81346-2	S	
tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC 60721  - 1 1.2 N·m  - 25 +70 °C  - 40 +80 °C  3K6	Substance Prohibitance (Date)	07/01/2006	
Ambient conditions  ambient temperature  • during operation • during storage  • during storage  -40 +80 °C  environmental category during operation according to IEC 60721  3K6	Connections/ Terminals		
ambient temperature	tightening torque of the screws in the bracket	1 1.2 N·m	
<ul> <li>◆ during operation</li> <li>◆ during storage</li> <li>← 40 +80 °C</li> <li>environmental category during operation according to IEC 60721</li> <li>3K6</li> </ul>	Ambient conditions		
● during storage -40 +80 °C environmental category during operation according to IEC 60721  -40 +80 °C  3K6	ambient temperature		
environmental category during operation according to IEC 3K6 60721	<ul> <li>during operation</li> </ul>	-25 +70 °C	
60721	during storage	-40 +80 °C	
Installation/ mounting/ dimensions		3K6	

fastening method	front mounting
shape of the installation opening	round
mounting diameter	22 mm
mounting height	8 mm
installation width	28.5 mm
installation depth	29 mm

Certificates/ approvals

**General Product Approval** 

Marine / Shipping













Marine / Shipping

other



Confirmation

**Miscellaneous** 

## **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=3SB3000-0AA51

Cax online generator

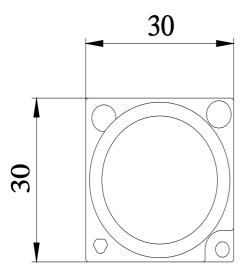
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SB3000-0AA51}}$ 

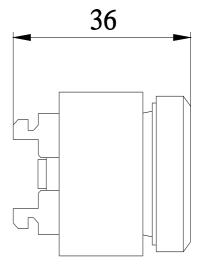
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$ 

https://support.industry.siemens.com/cs/ww/en/ps/3SB3000-0AA51

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB3000-0AA51&lang=en





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