# **SIEMENS**

Product data sheet 3SB3201-0AA11



22MM PLASTIC ROUND COMPLETE UNIT COMBINATION: PUSHBUTTON WITH FLAT BUTTON SCREW TERMINAL, 1NO+1NC WITH HOLDER BLACK

Actuator:			
Design of the operating mechanism		Pushbutton	
Front ring:			
Product component / front ring		Yes	
Material / of the front ring		plastic	
Color / of the front ring		black	
Enclosure:			
Shape / of the housing front		round	
material / of the housing		plastic	
General technical details:			
Number of control points		1	
Type of voltage			
of the operating voltage		AC/DC	
Operating voltage / rated value			
• minimum	V	5	
• maximum	V	400	
Design of the electrical connection		screw-type terminals	
Number of switching positions		2	

Product extension / optional / fluorescent materials  Resistance against shock  • for devices without incandescent lamp / according to IEC 60068-2-27  Resistance against vibration / according to IEC 60068-2-6  Operating cycles / maximum  I/h 1,000  Mechanical operating cycles as operating time / typical  Item designation  • according to DIN EN 61346-2  • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  Auxiliary circuit:  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of change-over switches / for auxiliary contacts  1   Number of change-over switches / for auxiliary contacts  1   Installation/mounting/dimensions:  Type of mounting  front mounting  Installation width  mm 28.5  Mounting diameter  mm 22  Mounting diameter  mm 8  Tightening torque / of the screws in the bracket / maximum  N-m 1  Ambient conditions:  Ambient temperature  • during operating  • °C -25 +70  • during storage  °C -40 +80			
Resistance against shock  • for devices without incandescent lamp / according to IEC 60068-2-27  Resistance against vibration / according to IEC 60068-2-6  Deparating cycles / maximum  ### 1,000  Mechanical operating cycles as operating time / typical  #### 1,000  ##### 1,000  ##### 1,000  ##### 1,000  ##### 1,000  ##### 1,000  #################################	Product component / fluorescent materials		No
* for devices without incandescent lamp / according to IEC 60068-2-27  Resistance against vibration / according to IEC 60068-2-6  Operating cycles / maximum  1/h 1,000  Mechanical operating cycles as operating time / typical  Item designation  * according to DIN En 61346-2  * according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  **Auxiliary circuit:  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  1 Number of change-over switches / for auxiliary contacts  1 Number of the installation/mounting/dimensions:  Type of mounting  Shape / of the installation hole  Installation width  mm 28,5  Mounting diameter  mm 22  Mounting height  Tightening torque / of the screws in the bracket / maximum  N-m 1  Ambient conditions:  Ambient temperature  * during operating  * C -25 +70  * during storage  * Protection class IP  **In 1,000  10,000,000  10,000,000  10,000,00	Product extension / optional / fluorescent materials		No
Resistance against vibration / according to IEC 60068-2-6  Operating cycles / maximum  1/h 1,000  Mechanical operating cycles as operating time / typical  Item designation  • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  Auxiliary circuit:  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of change-over switches / for auxiliary contacts  1 Number of change-over switches / for auxiliary contacts  Installation/mounting/dimensions:  Type of mounting  Shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  mm 22  Mounting diameter  mm 8  Tightening torque / of the screws in the bracket / maximum  N-m 1  Ambient conditions:  Ambient temperature  • during operating  °C -25 +70  • during storage  Protection class IP	Resistance against shock		
Operating cycles / maximum  1/h 1,000  Mechanical operating cycles as operating time / typical  Item designation  • according to DIN EN 61346-2  • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  Auxiliary circuit:  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of change-over switches / for auxiliary contacts  1  Number of change-over switches / for auxiliary contacts  1  Installation/mounting/dimensions:  Type of mounting  front mounting  shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  mm 22  Mounting height  mm 8  Tightening torque / of the screws in the bracket / maximum  N-m 1  Ambient conditions:  Ambient temperature  • during operating  • C -25 +70  • during storage  Protection class IP			<= 50g
Mechanical operating cycles as operating time / typical  Item designation  * according to DIN EN 61346-2  * according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  * Auxillary circuit:  **Number of NC contacts / for auxiliary contacts  **Number of NO contacts / for auxiliary contacts  **Number of change-over switches / for auxiliary contacts  **Output of mounting / dimensions:  **Type of mounting  **Shape / of the installation hole  **Installation width  **Mounting diameter  **Mounting height  **Tightening torque / of the screws in the bracket / maximum  **Ambient conditions:  **Ambient temperature  **during operating  **C -25 +70  **during storage  **Protection class IP  **Installation in 10,000,000  **Shape / of Nother installation of installation	Resistance against vibration / according to IEC 60068-2-6		20 200 Hz: 5g
Item designation  * according to DIN EN 61346-2  * according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  **Auxillary circuit:**  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  1 Number of change-over switches / for auxiliary contacts  0  Installation/mounting/dimensions:  Type of mounting  front mounting  Shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  Mounting height  Tightening torque / of the screws in the bracket / maximum  **Ambient conditions:**  Ambient temperature  **during operating  **C -25 +70  **during storage  **Protection class IP  **Installation line is according to the screws in the scr	Operating cycles / maximum	1/h	1,000
according to DIN EN 61346-2  according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  Auxiliary circuit:  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of change-over switches / for auxiliary contacts  Installation/mounting/dimensions:  Type of mounting  Shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  Mounting diameter  Mounting height  Tightening torque / of the screws in the bracket / maximum  N-m 1  Ambient conditions:  Ambient temperature  • during operating  • °C -25 +70  • during storage  Protection class IP	Mechanical operating cycles as operating time / typical		10,000,000
*according to DIN 40719 extendable after IEC 204-2 / according to IEC 750  Auxiliary circuit:  Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  Number of change-over switches / for auxiliary contacts  1  Number of change-over switches / for auxiliary contacts  Installation/mounting/dimensions:  Type of mounting  Shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  mm 22  Mounting height  Tightening torque / of the screws in the bracket / maximum  N-m 1  Ambient conditions:  Ambient temperature  • during operating  • °C -25 +70  • during storage  Protection class IP	Item designation		
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Number of NC contacts / for auxiliary contacts  Number of NO contacts / for auxiliary contacts  1 Number of change-over switches / for auxiliary contacts  Installation/mounting/dimensions:  Type of mounting Shape / of the installation hole Installation width  mm 28.5  Mounting diameter  mm 22  Mounting height  Tightening torque / of the screws in the bracket / maximum  Ambient conditions:  Ambient temperature  • during operating • during storage  Protection class IP  I home summers and in the screws in the bracket / maximum  Protection class IP			S
Number of NO contacts / for auxiliary contacts  Number of change-over switches / for auxiliary contacts  Installation/mounting/dimensions:  Type of mounting  Shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  mm 22  Mounting height  Tightening torque / of the screws in the bracket / maximum  N·m 1  Ambient conditions:  Ambient temperature  • during operating  • during storage  Protection class IP  Installation vidth  Installation width  Installation w	Auxiliary circuit:		
Number of change-over switches / for auxiliary contacts  Installation/mounting/dimensions:  Type of mounting Shape / of the installation hole Installation width Inst	Number of NC contacts / for auxiliary contacts		1
Installation/mounting/dimensions:  Type of mounting Shape / of the installation hole Installation width mm 28.5  Mounting diameter mm 22  Mounting height mm 8  Tightening torque / of the screws in the bracket / maximum N·m 1  Ambient conditions:  Ambient temperature  • during operating °C -25 +70  • during storage °C -40 +80  Protection class IP  If front mounting front mounting round  N m 28.5  Mm 22  Mounting torque / of the screws in the bracket / maximum N·m 1  Installation wounting round  Out of the screws of the screws of the bracket / maximum N·m 1  Installation wounting round Out of the screws of the screws of the screws of the bracket / maximum  N·m 1  Installation wounting Out of the screws of the screw	Number of NO contacts / for auxiliary contacts		1
Type of mounting  Shape / of the installation hole  Installation width  Installation w	Number of change-over switches / for auxiliary contacts		0
Shape / of the installation hole  Installation width  mm 28.5  Mounting diameter  mm 22  Mounting height mm 8  Tightening torque / of the screws in the bracket / maximum N·m 1  Ambient conditions:  Ambient temperature  • during operating  • during storage  Protection class IP  round  round  round  round  mm 28.5  Mm 8  C 22  Mounting torque / of the screws in the bracket / maximum N·m 1  Installation width  mm 28.5  Mm 8  C -25 +70  • C -40 +80  IP66	Installation/mounting/dimensions:		
Installation width mm 28.5  Mounting diameter mm 22  Mounting height mm 8  Tightening torque / of the screws in the bracket / maximum N·m 1  Ambient conditions:  Ambient temperature  • during operating • during storage	Type of mounting		front mounting
Mounting diameter mm 22  Mounting height mm 8  Tightening torque / of the screws in the bracket / maximum N·m 1  Ambient conditions:  Ambient temperature  • during operating °C -25 +70  • during storage °C -40 +80  Protection class IP IP66	Shape / of the installation hole		round
Mounting height mm 8 Tightening torque / of the screws in the bracket / maximum N·m 1  Ambient conditions:  Ambient temperature  • during operating • during storage  Protection class IP  mm 8  N·m 1  C -25 +70  Protection class IP	Installation width	mm	28.5
Tightening torque / of the screws in the bracket / maximum  Ambient conditions:  Ambient temperature  • during operating  • during storage  Protection class IP  N-m  1  C -25 +70  • C -40 +80  IP66	Mounting diameter	mm	22
Ambient conditions:  Ambient temperature  • during operating • during storage  Protection class IP  Ambient conditions:  C -25 +70  C -40 +80  IP66	Mounting height	mm	8
Ambient temperature  • during operating • during storage  • during storage  C -25 +70  °C -40 +80  Protection class IP  IP66	Tightening torque / of the screws in the bracket / maximum	N⋅m	1
• during operating • during storage • during storage  °C  -25 +70  °C  -40 +80  Protection class IP  IP66	Ambient conditions:		
• during storage  • C  • 40 +80  Protection class IP  IP66	Ambient temperature		
Protection class IP IP66	during operating	°C	-25 +70
	during storage	°C	-40 +80
Certificates/approvals:	Protection class IP		IP66
	Certificates/approvals:		

#### **General Product Approval**

# Declaration of Conformity

#### **Test Certificates**











Special Test Certificate

## **Shipping Approval**













#### other

Confirmation

other



## **Further information:**

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrial-controls/mall

**CAx-Online-Generator** 

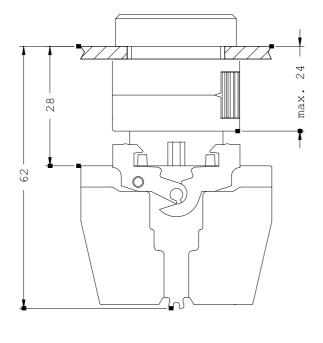
http://www.siemens.com/cax

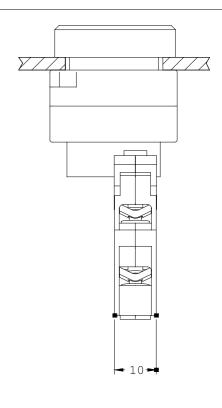
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SB3201-0AA11/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SB3201-0AA11





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