SIEMENS

Product data sheet 3SB3201-0BA61

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

Actuator:				
Design of the product	Complete unit round			
Design of the operating mechanism	Pushbutton			
Functionality / of the actuator	Momentary contact type			
Type of unlocking device	without			
Color / of the activation element	Green			
Material / of the activation element	plastic			
Shape / of the activation element	Raised pushbutton			
Number of switching positions	2			
Product component / front ring	Yes			
Material / of the front ring	plastic			
Color / of the front ring	black			
Design of the front ring	Standard			
Product function / EMERGENCY STOP function	No			
Holder:				
Material / of the holder	Plastic			
Contact block/ lampholder:				
Design of the electrical connection	screw-type terminals			
Number of switching elements	1			
Number of NC contacts / for auxiliary contacts	1			
Number of NO contacts / for auxiliary contacts	1			
Number of changeover contacts / for auxiliary contacts	0			
Product function / positive opening	Yes			
Number of lampholders	0			
Product component / fluorescent materials	No			
Product extension / optional / fluorescent materials	No			
Accessories:				
Product component / holder for 3 switching elements	No			
General technical data:				

Coperating votage / rated value	Voltage type / of operating voltage		AC/DC
• minimum			Noibe
• maximum V 400 Operating current Image: Company of the properties of the propert		W	5
Act			
* at AC-12 * at 24 V / rated value * at 48 V / rated value * at 48 V / rated value * at 110 V / rated value * at 110 V / rated value * at 400 V / rated value * at 400 V / rated value * at AC-15 * at 24 V / rated value * at 48 V / rated value * at 48 V / rated value * at 110 V / rated value * at 110 V / rated value * at 110 V / rated value * at 400 V / rated value * at 120 V / rated value * at 1400 V / rated value * at 1400 V / rated value * at 1400 V / rated value * at 140 V / rated value * at 110 V / rated value * at 230 V / rated value * at 120 V / rated value * at 120 V / rated value * at 24 V / rated value * at 120 V / rated value * at 110 V / rated value * at 24 V / rated value * at 24 V / rated value * at 30 V / rated value * at 20 V / rated value * at 30 V / rated value * at 20 V / rated value * at 30 V / rated value * at 20 V / rated value * at 30 V / rated valu		-	400
* at 24 V / rated value			
- at 110 V / rated value - at 230 V / rated value - at 230 V / rated value - at 300 V / rated value - at 400 V / rated value - at 400 V / rated value - at 400 V / rated value - at 48 V / rated value - at 48 V / rated value - at 48 V / rated value - at 230 V / rated value - at 230 V / rated value - at 230 V / rated value - at 400 V / rated value - at 400 V / rated value - at 400 V / rated value - at 230 V / rated value - at 30 V / rated value - at 20 V / rated value - at 20 V / rated value - at 30 V / r		Λ	10
- at 110 V / rated value - at 230 V / rated value - at 400 V / rated value - at 400 V / rated value - at 124 V / rated value - at 124 V / rated value - at 124 V / rated value - at 110 V / rated value - at 110 V / rated value - at 110 V / rated value - at 400 V / rated value - at 400 V / rated value - at 400 V / rated value - at 24 V / rated value - at 24 V / rated value - at 320 V / rated value - at 320 V / rated value - at 320 V / rated value - at 110 V / rated value - at 24 V / rated value - at 230 V / rated value - at 200 V / rated value - at 320 V / rated value - at 200 V / rated value - at 100 V / rated value - at 200 V / rated value - at 100 V / rated value - at 200 V / rated value - at 300 V / rated value			
• at 24 V / rated value A 6 • at 24 V / rated value A 6 • at 110 V / rated value A 6 • at 230 V / rated value A 6 • at 24 V / rated value A 3 • at DC-12 A 10 • at 24 V / rated value A 5 • at 24 V / rated value A 5 • at 110 V / rated value A 1 • at 230 V / rated value A 1 • at 24 V / rated value A 1.5 • at 48 V / rated value A 1.5 • at 110 V / rated value A 0.7 • at 110 V / rated value A 0.3 • at 230 V / rated value A 0.3 • at 110 V / rated value A 0.3 • at 230 V / rated value A 0.7 • at 230 V / rated value A 0.3 • at 230 V / rated value A 0.3 • at 110 V / rated value A 0.3 • at 230 V / rated value A 0.3 • at 230 V / rated value A 0.			
• at 24 V / rated value A 6 • at 48 V / rated value A 6 • at 110 V / rated value A 6 • at 230 V / rated value A 6 • at DC-12 A 10 • at 24 V / rated value A 5 • at 24 V / rated value A 5 • at 110 V / rated value A 1 • at 230 V / rated value A 1 • at 24 V / rated value A 1.5 • at 48 V / rated value A 1.5 • at 48 V / rated value A 0.7 • at 110 V / rated value A 0.3 • at 110 V / rated value A 0.3 • at 230 V / rated value A 0.3 • at 230 V / rated value A 0.3 • at 230 V / rated value A 0.7 • at 230 V / rated value A 0.7 • at 230 V / rated value A 0.0 • at 230 V / rated value A 0.7 • at 230 V / rated value A 0.7 • at 230 V / rated value A 0		~	
• at 48 V / rated value A 6 • at 110 V / rated value A 6 • at 230 V / rated value A 3 • at DC-12		Δ	6
• at 110 V / rated value A 6 • at 230 V / rated value A 6 • at 400 V / rated value A 3 • at DC-12			
* at 230 V / rated value			
• at 400 V / rated value • at DC-12 • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value • at 250 V / rated value • at 24 V / rated value • at 250 V / rated value • at 260 V / rated value • at 270 V / rated value • at 280 V			
• at DC-12 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value • at 230 V / rated value • at 24 V / rated value • at 25 • at 25 • at 24 V / rated value • at 24 V / rated value • at 110 V / rated value • at 110 V / rated value • at 230 V / rated value • at 240 V / rated value • at 250 • at 200 V / rated value • at 250 V / rated value • at 200 V			
at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at 230 V / rated value at 24 V / rated value at 24 V / rated value at 24 V / rated value at 48 V / rated value at 48 V / rated value at 110 V / rated value at 110 V / rated value A 1.5 A 0.7 A 0.3 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 Mechanical operating cycles as operating time / typical Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature		~	S
at 48 V / rated value at 110 V / rated value A 2.5 at 230 V / rated value A 1 at DC-13 at 24 V / rated value A 1.5 at 110 V / rated value A 1.5 at 110 V / rated value A 1.5 at 110 V / rated value A 0.7 A 0.3 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 Mechanical operating cycles as operating time / typical Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature		Α	10
 at 110 V / rated value at 230 V / rated value at DC-13 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 110 V / rated value at 230 V / rated value at 200 V / rated value at 20			
at 230 V / rated value at DC-13 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at 110 V / rated value at 230 V / rated value A 0.7 A 0.3 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 1/h 1,000 Mechanical operating cycles as operating time / typical Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N-m 1 Ambient temperature			
* at DC-13 * at 24 V / rated value * at 48 V / rated value * at 110 V / rated value * at 230 V / rated value * 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 Reference code * according to DIN EN 61346-2 * according to DIN EN 61346-2 * according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature A			
at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at 230 V / rated value A 0.7 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 Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature A 0.7 A 0.3 C= 50g C= 50g S S S S S S S S S S S S S			
• at 48 V / rated value • at 110 V / rated value • at 230 V / rated value A 0.3 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 Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature A 0.7 A 0.3 C= 50g C= 50g C= 20 200 Hz: 5g D(0,000,000) C= 50g C= 5		А	3
• at 110 V / rated value • at 230 V / rated value 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 Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature A 0.3 C= 50g C= 50g C= 20 200 Hz: 5g 1/h 1,000 10,000,000 S S S S S S S S S S Tightening torque / of the screws in the bracket / maximum N·m 1	• at 48 V / rated value		1.5
• at 230 V / rated value 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 1/h 1,000 Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m Ambient temperature	• at 110 V / rated value	А	
• for devices without incandescent lamp / according to IEC 60068-2-6 Resistance against vibration / according to IEC 60068-2-6 Operating cycles / maximum Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature		Α	0.3
• for devices without incandescent lamp / according to IEC 60068-2-6 Resistance against vibration / according to IEC 60068-2-6 Operating cycles / maximum Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature	Resistance against shock	_	
Operating cycles / maximum 1/h 1,000 Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature	·		<= 50g
Mechanical operating cycles as operating time / typical Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature	Resistance against vibration / according to IEC 60068-2-6		20 200 Hz: 5g
Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature	Operating cycles / maximum	1/h	1,000
according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature	Mechanical operating cycles as operating time / typical		10,000,000
according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature S N·m 1	Reference code		
according to IEC 750 Tightening torque / of the screws in the bracket / maximum N·m 1 Ambient temperature	according to DIN EN 61346-2		S
Ambient temperature			S
	Tightening torque / of the screws in the bracket / maximum	N⋅m	1
• during operating °C -25 +70	Ambient temperature		
	during operating	°C	-25 +70

during storage	°C	-40 +80
Protection class IP		IP66
climatic class / during the operating phase / according to EN 60721		3K6
Mounting type		front mounting
Shape / of the installation hole		round
Installation width	mm	29.5
Mounting diameter	mm	22
Mounting height	mm	12
Mounting depth	mm	63

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates









Special Test Certificate

Shipping Approval











other

Confirmation

other

Environmental Confirmations

Further information:

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

 $\underline{\text{http://www.siemens.com/industrial-controls/catalogs}}$

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/3SB3201-0BA61/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3201-0BA61}}$

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