SIEMENS

Product data sheet 3SB3606-0AA31



22MM METAL ROUND COMPLETE UNIT COMBINATION: ILLUMINATED PUSHBUTTON MOMENTARY CONTACT TYPE WITH FLAT BUTTON NON-ILLUMINATED WITH LAMP HOLDER BA 9S WITHOUT LAMP SCREW TERMINAL,

1NO WITH HOLDER YELLOW

Enclosure:		
Material / of the enclosure		metal
Form / of the enclosure front		round

Actuato/ signaling device:			
Design of the product	Complete unit round		
Design of the operating mechanism	Illuminated pushbutton		
Functionality / of the actuator	Momentary contact type		
Type of unlocking device	without		
Color / of the activation element	Yellow		
Material / of the activation element	plastic		
Shape / of the activation element	Flat pushbutton		
Number of switching positions	2		
Product component / front ring	Yes		
Material / of the front ring	metal		
Color / of the front ring	silver		
Design of the front ring	Standard		

Holder:	
Material / of the holder	Metal

Contact block/ lampholder:			
screw-type terminals			
1			
0			
1			
0			
No			
1			
BA 9s, without lamp			
No			
Yes			

Accessories:				
Product component / holder for 3 switching elements	Yes			
General technical details:				
Voltage type / of operating voltage	AC/DC			
Operating voltage				

5 ... 400

Resistance against shock	
• for devices with incandescent lamp / according to IEC 60068-2-	<= 30g
27	

Operating current

• rated value

•	at	AC-1	12

• at 24 V / rated value	Α	10
• at 48 V / rated value	Α	10
• at 110 V / rated value	Α	10
• at 230 V / rated value	Α	10
• at 400 V / rated value	Α	10

at AC-15		
• at 24 V / rated value	Α	6
• at 48 V / rated value	Α	6
• at 110 V / rated value	Α	6
• at 230 V / rated value	Α	6
• at 400 V / rated value	Α	3
at DC-12		
• at 24 V / rated value	Α	10
• at 48 V / rated value	Α	5
• at 110 V / rated value	Α	2.5

• at DC-13

• at 230 V / rated value

Α

1

* 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 * A 0.3 * C 250g * C 20 200 Hz: 5g * C 20			
* 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 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 / according to IEC 750 / according to IEC 800 / according to IEC	at 24 V / rated value	Α	3
• 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 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 • during operating • during storage Protection class IP climatic class / during the operating phase / according to EN 60721 Mounting type Mounting type Final mature of the installation hole Installation width Mounting diameter Mounting height A 0.3	• at 48 V / rated value	Α	1.5
* 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 * during operating * during storage Protection class IP climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width Mounting diameter Mounting diameter Mounting height * according to IEC 60068-2-6 20 200 Hz: 5g 20 20 Hz 40 400	• at 110 V / rated value	Α	0.7
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 • during operating • during storage Protection class IP climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width Mounting diameter Mounting height 20 200 Hz: 5g 3,000,000 S	• at 230 V / rated value	Α	0.3
Operating cycles / maximum 1/h 1,000 Mechanical operating cycles as operating time / typical 3,000,000 Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S S S Tightening torque / of the screws in the bracket / maximum during operating during storage C -25 +60 Protection class IP Climatic class / during the operating phase / according to EN 60721 3K6 Mounting type front mounting Shape / of the installation hole round Installation width mm 28.5 Mounting diameter mm 12 Mounting height mm 12			<= 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 • during operating • during storage Protection class IP climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width mm 28.5 Mounting diameter Mounting height 3,000,000 S S S S S S S S S S S S	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 * during operating * C	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 * during operating * during storage * C * -25 +60 * -40 +80 Protection class IP Climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width mm * 28.5 Mounting diameter mm * 22 Mounting height S S S S S S S S S S S S S	Mechanical operating cycles as operating time / typical		3,000,000
* according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum * during operating * during storage * C	Reference code		
Tightening torque / of the screws in the bracket / maximum • during operating • during storage Protection class IP climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width Mounting diameter Mounting height N·m 1 - 25 +60 - 25 +60 - 40 +80 IP67 SK6 Front mounting Tound Tound 28.5 Mounting diameter mm 22 Mounting height	according to DIN EN 61346-2		S
 during operating during storage 40 +80 Protection class IP IP67 Climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width Mounting diameter Mounting height C -25 +60 -40 +80 IP67 3K6 6 6 Tront mounting round 28.5 Mounting diameter mm 22 Mounting height mm 12 			S
• during storage Protection class IP Climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width mm 28.5 Mounting diameter Mounting height Protection class IP IP67 3K6 Tront mounting round round 22 Mounting height mm 12	Tightening torque / of the screws in the bracket / maximum	N⋅m	1
Protection class IP climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width mm 28.5 Mounting diameter mm 22 Mounting height IP67 3K6 3K6 Tront mounting round mm 28.5	during operating	°C	-25 +60
climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole round Installation width mm 28.5 Mounting diameter mm 22 Mounting height mm 12	during storage	°C	-40 +80
Mounting type front mounting Shape / of the installation hole round Installation width mm 28.5 Mounting diameter mm 22 Mounting height mm 12	Protection class IP		IP67
Shape / of the installation hole round Installation width mm 28.5 Mounting diameter mm 22 Mounting height mm 12			3K6
Installation width mm 28.5 Mounting diameter mm 22 Mounting height mm 12	Mounting type		front mounting
Mounting diameter mm 22 Mounting height mm 12	Shape / of the installation hole		round
Mounting height mm 12	Installation width	mm	28.5
	Mounting diameter	mm	22
Mounting depth mm 49	Mounting height	mm	12
3 44	Mounting depth	mm	49

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,...)

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

Industry Mall (Online ordering system)

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

Cax online generator

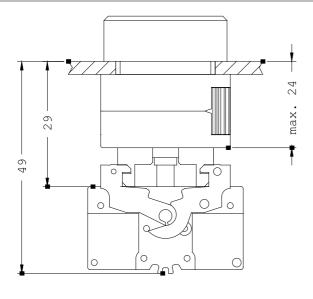
http://www.siemens.com/cax

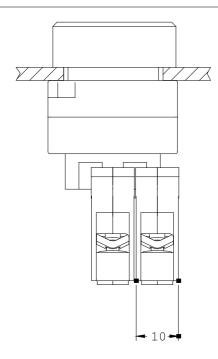
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SB3606-0AA31/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3606-0AA31





last change: Jul 7, 2014