SIEMENS

Product data sheet 3SB3345-0AA51



26X26MM PLASTIC SQUARE COMPLETE UNIT COMBINATION: ILLUMINATED PUSHBUTTON MOMENTARY CONTACT TYPE ILLUMINATED WITH INTEGRATED LED 24V AC/DC SCREW TERMINAL, 1NO WITH HOLDER BLUE

Actuator / signaling device:			
Design of the product	Complete unit, square		
Design of the operating mechanism	Illuminated pushbutton		
Type of unlocking device	without		
Color / of the activation element	Blue		
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	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		0		

Number of NO contacts / for auxiliary contacts	1
Number of change-over switches / for auxiliary contacts	0
Product function / positive opening	No
Number of lampholders	1
Execution of the mounting	integrated LED
Product component / fluorescent materials	Yes
Product extension / optional / fluorescent materials	Yes

Type of voltage / of the supply voltage / of the fluorescent material / at 60 Hz / for AC / rated value of the fluorescent material / at 50 Hz / for AC / rated value volte if the fluorescent material / for DC / rated value volte if the fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte if fluorescent material / for DC / rated value volte volte if fluorescent material / for DC / rated value volte volt	General technical details:		
• of the fluorescent material / at 50 Hz / for AC / rated value • of the fluorescent material / for DC / rated value 7 y 24 7 ype of voltage / of the operating voltage Operating voltage / rated value • minimum • maximum V 21.6 Operating current • at AC-12 • at 24 V / rated value • at 110 V / rated value • at 48 V / rated value • at 400 V / rated value • at 48 V / rated value • at 400 V / rated value • at 410 V / rated value • at 48 V / rated value • at 24 V / rated value • at 25 • at 24 V / rated value • at 230 V / rated value • at 230 V / rated value • at 230 V / rated value • at 24 V / rated value • at 24 V / rated value • at 25 • at 25 • at 25 • at 26 • at 26 • at 27 • at 28 • at 28			AC/DC
• of the fluorescent material / for DC / rated value V 24 Type of voltage / of the operating voltage AC/DC Operating voltage / rated value V 21.6 • maximum V 26.4 Operating current V 26.4 • at AC-12 V 26.4 • at AC-12 V 26.4 • at AC-12 V 26.4 • at 24 V / rated value A 10 • at 48 V / rated value A 10 • at 230 V / rated value A 10 • at AC-15 A 6 • at 24 V / rated value A 6 • at 24 V / rated value A 6 • at 230 V / rated value A 6 • at 24 V / rated value A 10 • at 24 V / rated value A 5 • at 24 V / rated value A 5 • at 230 V / rated value A 5 • at 230 V / rated value A 5 • at 230 V / rated value A 5 <td>• of the fluorescent material / at 60 Hz / for AC / rated value</td> <td>V</td> <td>24</td>	• of the fluorescent material / at 60 Hz / for AC / rated value	V	24
AC/DC	• of the fluorescent material / at 50 Hz / for AC / rated value	V	24
Operating voltage / rated value • minimum • maximum V 21.6 • maximum V 26.4 Operating current • at AC-12 • at 24 V / rated value • at 110 V / rated value • at 48 V / rated value • at 400 V / rated value • at 400 V / rated value • at 48 V / rated value • at 48 V / rated value • at 230 V / rated value • at 48 V / rated value • at 110 V / rated value • at 48 V / rated value • at 230 V / rated value • at 400 V / rated value • at 24 V / rated value • at 24 V / rated value • at 25 V / rated value • at 48 V / rated value • at 24 V / rated value • at 24 V / rated value • at 24 V / rated value • at 25 V / rated value • at 20 V / rated value • at 24 V / rated value • at 25 V / rated value • at 24 V / rated value • at 24 V / rated value • at 24 V / rated value • at 25 V / rated value • at 26 V / rated value • at 27 V / rated value • at 28 V / rated value • at 29 V / rated value • at 20 V / rated value •	• of the fluorescent material / for DC / rated value	V	24
• minimum • maximum Operating current • at AC-12 • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 400 V / rated value • at 400 V / rated value • at 48 V / rated value • at 400 V / rated value • at 24 V / rated value • at 24 V / rated value • at 400 V / rated value • at 230 V / rated value • at 24 V / rated value • at 25 V / rated value • at 25 V / rated value • at 25 V / rated value • at 250 V / rated value	Type of voltage / of the operating voltage		AC/DC
• maximum V 26.4 Operating current Common Security • at AC-12 • at 24 V / rated value A 10 • at 48 V / rated value A 10 • at 110 V / rated value A 10 • at 230 V / rated value A 10 • at AC-15 - - • at 24 V / rated value A 6 • at 48 V / rated value A 6 • at 110 V / rated value A 6 • at 400 V / rated value A 3 • at DC-12 - - • at 24 V / rated value A 5 • at 110 V / rated value A 5 • at 230 V / rated value A 5 • at 230 V / rated value A 5 • at 24 V / rated value A 1 • at 24 V / rated value A 3 • at 24 V / rated value A 3 • at 24 V / rated value A 1 • at 24 V / rated value A 3	Operating voltage / rated value		
• at AC-12 • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 230 V / rated value • at 24 V / rated value • at 24 V / rated value • at 24 V / rated value • at 400 V / rated value • at 40 V / rated value • at 230 V / rated value • at 24 V / rated value • at 250 V / rated value • at 250 V / rated value • at 48 V / rated value • at 48 V / rated value • at 48 V / rated value • at 250 V / rated value • at 270 V / rated value	• minimum	V	21.6
• at AC-12 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value • at 400 V / rated value • at 400 V / rated value • at 42 V / rated value • at 48 V / rated value • at 110 V / rated value • at 400 V / rated value • at 48 V / rated value • at 230 V / rated value • at 400 V / rated value • at 230 V / rated value • at 400 V / rated value • at 400 V / rated value • at 24 V / rated value • at 24 V / rated value • at 25 V / rated value • at 27 V / rated value • at 28 V / rated value • at 29 V / rated value • at 48 V / rated value	• maximum	V	26.4
 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 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 30 V / rated value at 24 V / rated value at 230 V / rated value at 400 V / rated value at 400 V / rated value at 24 V / rated value at 24 V / rated value at 20 V / rated value at 20 V / rated value at 24 V / rated value at 24 V / rated value at 24 V / rated value at 230 V / rated value at 230 V / rated value at 24 V / rated value at 48 V / rated value 	Operating current		
 at 48 V / rated value at 110 V / rated value at 230 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 110 V / rated value at 230 V / rated value at 230 V / rated value at 200 V / rated value at 400 V / rated value at 400 V / rated value at 200 V / rated value at 200	• at AC-12		
 at 110 V / rated value at 230 V / rated value at 400 V / rated value at AC-15 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at 400 V / rated value at 400 V / rated value at 24 V / rated value at 25 at 24 V / rated value at 230 V / rated value at 24 V / rated value at 25 at 24 V / rated value at 3 at 24 V / rated value at 3 at 24 V / rated value at 3 at 3 at 48 V / rated value at 1.5 	• at 24 V / rated value	Α	10
 at 230 V / rated value at 400 V / rated value at AC-15 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 400 V / rated value at 24 V / rated value at 24 V / rated value at 24 V / rated value at 230 V / rated value at 24 V / rated value at 25 at 27 at 28 V / rated value at 290 V / rated value at 200 V / rated value at 24 V / rated value at 24 V / rated value at 25 at 27 at 28 V / rated value at 28 V / rated value at 290 V / rated value at 24 V / rated value at 24 V / rated value at 25 at 25 at 27 at 28 V / rated value at 28 V / rated value at 29 V / rated value at 21 V / rated value at 21 V / rated value at 25 at 26 V / rated value at 27 V / rated value at 28 V / rated value at 29 V / rated value at 20 V / rated value at 20 V / rated value at 20 V / rated value <l< td=""><td>• at 48 V / rated value</td><td>Α</td><td>10</td></l<>	• at 48 V / rated value	Α	10
 at 400 V / rated value at AC-15 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at 400 V / rated value at 400 V / rated value at 24 V / rated value at 48 V / rated value at 230 V / rated value at 24 V / rated value at 25 at 210 V / rated value at 210 V / rated value at 24 V / rated value at 25 at 20 V / rated value at 24 V / rated value at 3 at 24 V / rated value at 3 at 24 V / rated value at 3 at 25 at 24 V / rated value at 3 at 24 V / rated value at 3 at 24 V / rated value 	• at 110 V / rated value	Α	10
• at AC-15 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value • at 400 V / rated value • at DC-12 • at 24 V / rated value • at 48 V / rated value • at 230 V / rated value A 5 • at 110 V / rated value A 5 • at 120 V / rated value A 5 • at 24 V / rated value A 10 • at 48 V / rated value A 5 • at 24 V / rated value A 1 • at 24 V / rated value A 1	• at 230 V / rated value	Α	10
 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 400 V / rated value 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 25 	• at 400 V / rated value	Α	10
 at 48 V / rated value at 110 V / rated value at 230 V / rated value at 400 V / rated value 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 24 V / rated value at 230 V / rated value at 24 V / rated value 	• at AC-15		
 at 110 V / rated value at 230 V / rated value at 400 V / rated value 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 DC-13 at 24 V / rated value at 30 V / rated value at 24 V / rated value at 3 at 48 V / rated value A 3 at 48 V / rated value A 1.5 	• at 24 V / rated value	Α	6
 at 230 V / rated value at 400 V / rated value 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 230 V / rated value at 24 V / rated value at 48 V / rated value at 3 at 48 V / rated value A 1.5 	• at 48 V / rated value	Α	6
 at 400 V / rated value at DC-12 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at DC-13 at 24 V / rated value at 3 at 48 V / rated value at 3 at 1.5 	• at 110 V / rated value	Α	6
 at DC-12 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at DC-13 at 24 V / rated value at 24 V / rated value at 48 V / rated value A 3 at 48 V / rated value A 1.5 	• at 230 V / rated value	Α	6
 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value at DC-13 at 24 V / rated value at 24 V / rated value at 48 V / rated value A 3 at 48 V / rated value A 1.5 	• at 400 V / rated value	Α	3
 at 48 V / rated value at 110 V / rated value at 230 V / rated value at DC-13 at 24 V / rated value at 48 V / rated value A 3 at 48 V / rated value A 1.5 	• at DC-12		
 at 110 V / rated value at 230 V / rated value at DC-13 at 24 V / rated value at 48 V / rated value A 1 A 3 A 1.5 	• at 24 V / rated value	Α	10
 at 230 V / rated value at DC-13 at 24 V / rated value at 48 V / rated value A 1 A 3 A 1.5 	• at 48 V / rated value	Α	5
• at DC-13 • at 24 V / rated value • at 48 V / rated value A 3 A 1.5	• at 110 V / rated value	Α	2.5
 at 24 V / rated value at 48 V / rated value A 1.5 	• at 230 V / rated value	Α	1
• at 48 V / rated value A 1.5	• at DC-13		
	• at 24 V / rated value	Α	3
at 110 V / rated value A 0.7	• at 48 V / rated value	Α	1.5
	• at 110 V / rated value	Α	0.7

• at 230 V / rated value	Α	0.3
Resistance against shock		
 for devices without incandescent lamp / according to IEC 60068- 2-27 		<= 50g
Resistance against vibration / according to IEC 60068-2-6		20 200 Hz: 5g
Operating cycles / maximum	1/h	1,000
Mechanical operating cycles as operating time / typical		3,000,000
Item designation		
 according to DIN EN 61346-2 		S
 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		S
Tightening torque / of the screws in the bracket / maximum	N⋅m	1
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
Type of mounting		front mounting
Shape / of the installation hole		square
Installation width	mm	30
Mounting height	mm	5
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/3SB3345-0AA51/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3345-0AA51

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