



22MM PLASTIC ROUND COMPLETE UNIT
COMBINATION: ILLUMINATED PUSHBUTTON WITH FLAT
BUTTON ILLUMINATED WITH LAMP HOLDER BA 9S
WITH LAMP 24V AC/DC SCREW TERMINAL,
1NO OPERATIONAL VOLTAGE 24V AC/DC WITH
HOLDER YELLOW

Actuator:

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	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
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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 changeover contacts / for auxiliary contacts		0
Product function / positive opening		No
Number of lampholders		1
Execution of the mounting		BA 9s, with lamp
Product component / fluorescent materials		Yes
Product extension / optional / fluorescent materials		Yes

Accessories:

Product component / holder for 3 switching elements

Yes

General technical data:

Type of voltage / of the supply voltage / of light source		AC/DC
Supply voltage / 1 / of the fluorescent material		
• at 60 Hz / for AC / rated value	V	24
• at 50 Hz / for AC / rated value	V	24
• for DC / rated value	V	24
Voltage type / of operating voltage		AC/DC
Operating voltage / rated value		
• minimum	V	5
• maximum	V	400
Operating current		
• 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 400 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 230 V / rated value	A	6
• at 400 V / rated value	A	3
• at DC-12		
• at 24 V / rated value	A	10
• at 48 V / rated value	A	5
• at 110 V / rated value	A	2.5
• at 230 V / rated value	A	1

• at DC-13 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value	A	3
	A	1.5
	A	0.7
	A	0.3
Resistance against shock		
• for devices with incandescent lamp / according to IEC 60068-2-27		<= 30g
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
Reference code		
• according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S S
Tightening torque / of the screws in the bracket / maximum	N·m	1
Ambient temperature		
• during operating • during storage	°C °C	-25 ... +60 -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	28.5
Mounting diameter	mm	22
Mounting height	mm	8
Mounting depth	mm	49

Certificates/ approvals:

General Product Approval



[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

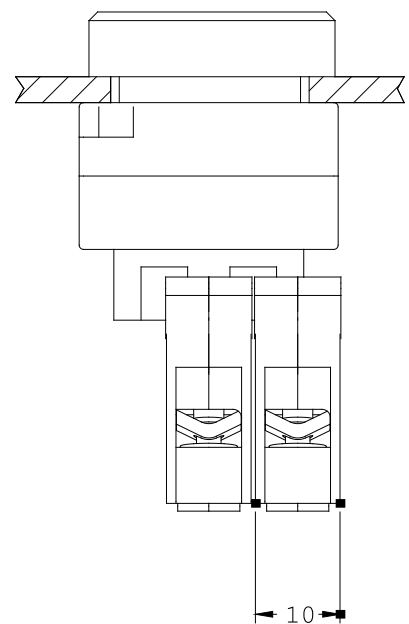
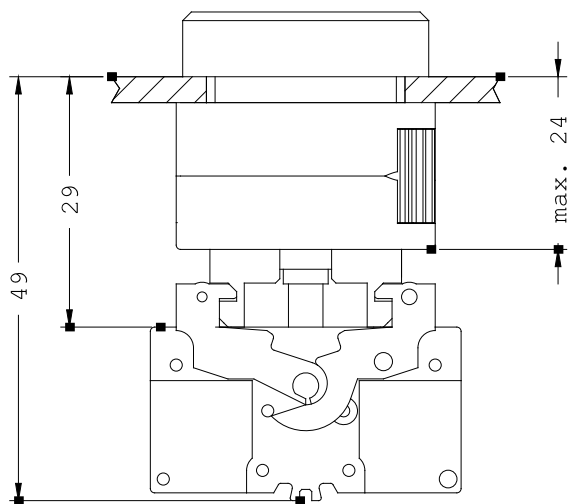
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3220-0AA31/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3220-0AA31



last change:

Jul 7, 2014