



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+1NC OPERATIONAL VOLTAGE 24V AC/DC WITH  
HOLDER GREEN

### 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		AC/DC
<ul style="list-style-type: none"> <li>• of the operating voltage</li> <li>• of the supply voltage</li> <li>• of the fluorescent material</li> </ul>		AC/DC
Operating voltage / rated value		
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	V	5
	V	400
Supply voltage / 1		
<ul style="list-style-type: none"> <li>• of the fluorescent material</li> </ul>		

• at 60 Hz / for AC / rated value	V	24
• at 50 Hz / for AC / rated value	V	24
• for DC / rated value	V	24
<b>Design of the electrical connection</b>		screw-type terminals
<b>Number of switching positions</b>		2
<b>Product component / fluorescent materials</b>		Yes
<b>Product extension / optional / fluorescent materials</b>		Yes
<b>Resistance against shock</b>		
• for devices with incandescent lamp / according to IEC 60068-2-27		<= 30g
<b>Resistance against vibration / according to IEC 60068-2-6</b>		20 ... 200 Hz: 5g
<b>Operating cycles / maximum</b>	1/h	1,000
<b>Mechanical operating cycles as operating time / typical</b>		3,000,000
<b>Item designation</b>		
• according to DIN EN 61346-2		S
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S

#### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b>		1
<b>Number of NO contacts / for auxiliary contacts</b>		1
<b>Number of change-over switches / for auxiliary contacts</b>		0

#### Installation/mounting/dimensions:

<b>Execution of the mounting</b>		BA 9s, with lamp
<b>Type of mounting</b>		front mounting
<b>Shape / of the installation hole</b>		round
<b>Installation width</b>	mm	28.5
<b>Mounting diameter</b>	mm	22
<b>Mounting height</b>	mm	8
<b>Tightening torque / of the screws in the bracket / maximum</b>	N·m	1

#### Ambient conditions:

<b>Ambient temperature</b>		
• during operating	°C	-25 ... 60
• during storage	°C	-40 ... 80
<b>Protection class IP</b>		IP66

#### Certificates/approvals:

## General Product Approval



CQC



CSA

[ROSTEST](#)



UL

## Test Certificates

[Manufacturer](#)

## Shipping Approval



ABS



BUREAU  
VERITAS



DNV



LRS



PRS



RINA

## other

[Manufacturer](#)

## 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

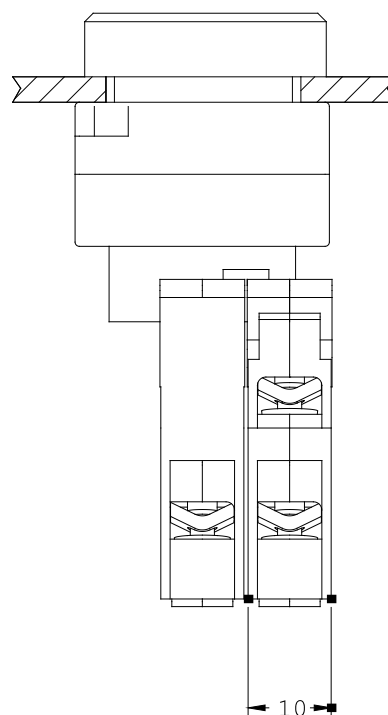
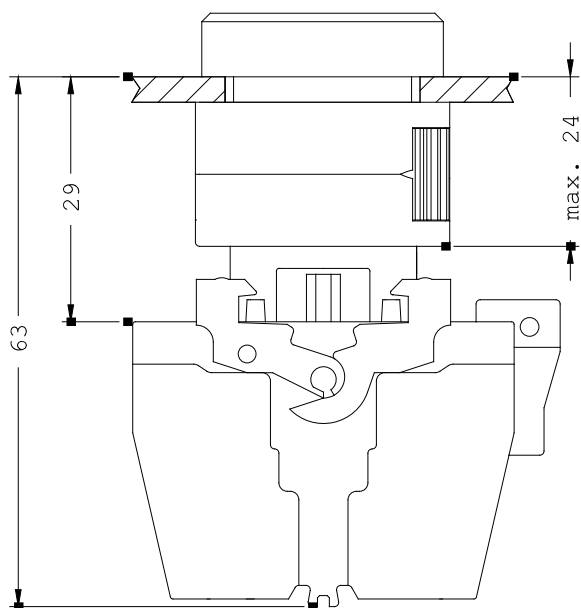
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3221-0AA41/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3221-0AA41](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3221-0AA41)



last change:

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