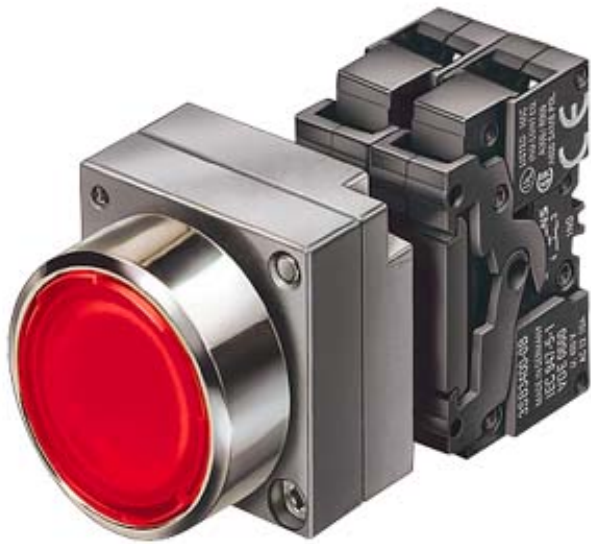




22MM METAL ROUND COMPLETE UNIT COMBINATION:
ILLUMINATED PUSHBUTTON MOMENTARY CONTACT
TYPE WITH FLAT BUTTON ILLUMINATED WITH LAMP
HOLDER BA 9S WITH LAMP 130V AC/DC SCREW
TERMINAL,
1NO+1NC OPERATIONAL VOLTAGE 220/230V AC WITH
HOLDER BLUE

Enclosure:		
Material / of the enclosure		metal
Form / of the enclosure front		round
Actuator/ 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		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		metal
Color / of the front ring		silver
Design of the front ring		Standard
Holder:		
Material / of the holder		Metal

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		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 details:		
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	130
• at 50 Hz / for AC / rated value	V	130
• for DC / rated value	V	130
Voltage type / of operating voltage		AC
Operating voltage		
• rated value	V	220 ... 230
Resistance against shock		
• for devices with incandescent lamp / according to IEC 60068-2-27		<= 30g
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 • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value	A	10
• at DC-13	A	5
• at 24 V / rated value	A	2.5
• at 48 V / rated value	A	1
• at 110 V / rated value	A	3
• at 230 V / rated value	A	1.5
	A	0.7
	A	0.3
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		S
• according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S
Tightening torque / of the screws in the bracket / maximum	N·m	1
• during operating	°C	-25 ... +60
• during storage	°C	-40 ... +80
Protection class IP		IP67
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	12
Mounting depth	mm	63

Certificates/ approvals:

General Product Approval



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

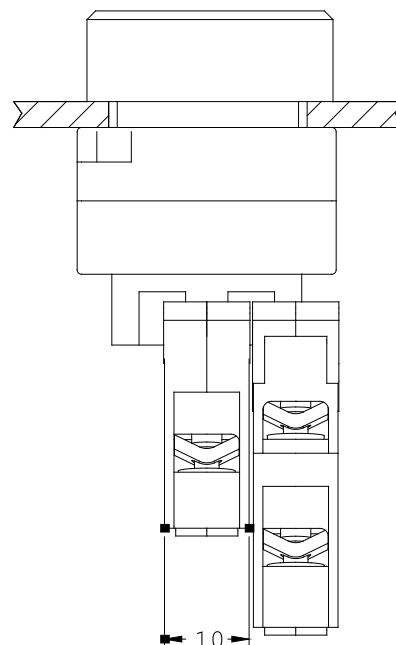
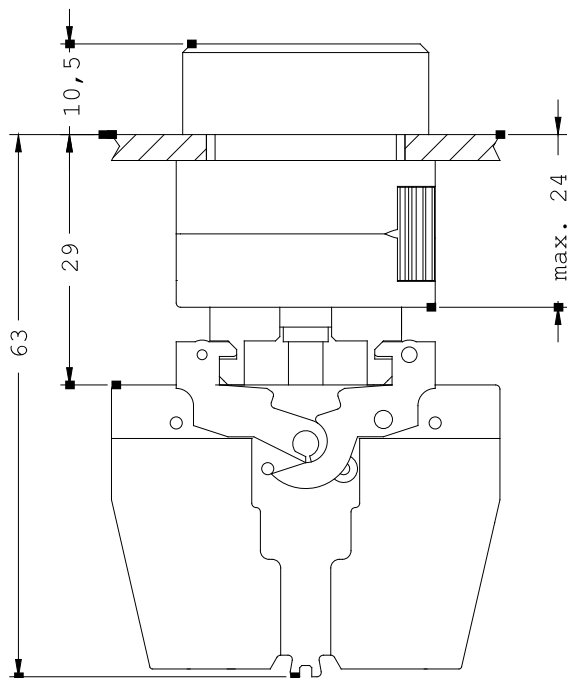
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3613-0AA51/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3613-0AA51



last change:

Jul 7, 2014