



22MM METAL ROUND COMPLETE UNIT COMBINATION:
ILLUMINATED PUSHBUTTON MOMENTARY CONTACT
TYPE WITH FLAT BUTTON NON-ILLUMINATED WITH
LAMP HOLDER BA 9S WITHOUT LAMP SPRING-LOADED
TERMINAL,
1NO+1NC WITH HOLDER YELLOW

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

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:		
Design of the electrical connection		spring-loaded 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, without lamp
Product component / fluorescent materials		No
Product extension / optional / fluorescent materials		Yes

Accessories:		
Product component / holder for 3 switching elements		Yes

General technical details:		
Voltage type / of operating voltage		AC/DC
Operating voltage		
• rated value	V	5 ... 400
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	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 • for devices without incandescent lamp / according to IEC 60068-2-27	A	3
	A	1.5
	A	0.7
	A	0.3
		<= 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
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
• during operating • during storage	°C	-25 ... +60
	°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

Declaration of Conformity

Test Certificates



CCC



CSA



UL



EG-Konf.

[Special Test Certificate](#)

Shipping Approval



ABS



DNV



LRS



PRS



RINA

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/3SB3605-0AA31-0CC0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3605-0AA31-0CC0

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