

Reference: 3SB3321-0AA31

26X26MM PLASTIC SQUARE 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 YELLOW

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Design of the product	Complete unit, square
Enclosure:	
Shape of the enclosure front	Square
Material of the enclosure	plastic
Number of command points	1
Actuator:	
Design of the operating mechanism	Illuminated pushbutton
Manner of function of the actuating element	Momentary contact type
Product extension optional Light source	Yes
Color	
of the actuating element	Yellow
Material of the actuating element	plastic
Shape of the actuating element	Flat pushbutton
Type of unlocking device	without
Number of switching positions	2
Front ring:	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black
Holder:	

Material of the holder	Plastic
Contact block/ lampholder:	
Mounting type	BA 9s with lamp
Number of lampholders	1
Number of switching elements	1
General technical data:	
Product function	
positive opening	Yes
EMERGENCY STOP function	No
Product component	
Light source	Yes
Type of voltage	
of the operating voltage	AC/DC
Protection class IP	IP66
Vibration resistance	
acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles)	
typical	3 000 000
Equipment marking	
acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
acc. to DIN EN 61346-2	S
acc. to DIN EN 81346-2	S
Operating voltage	
rated value	24 ... 24 V
Supply voltage:	
Type of voltage of the supply voltage	
of the light source	AC/DC
Supply voltage 1 of the light source at AC	
at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
Supply voltage 1 of the light source at DC	
rated value	24 V
Relative negative tolerance of the supply voltage	-15 %
Relative positive tolerance of the supply voltage	10 %
Auxiliary circuit:	
Number of NC contacts	

for auxiliary contacts	1
Number of NO contacts	
for auxiliary contacts	1
Number of CO contacts	
for auxiliary contacts	0
Consumed current for rated value of supply voltage maximum	80 mA
Operating current at AC-12	
at 24 V rated value	10 A
at 48 V rated value	10 A
at 110 V rated value	10 A
at 230 V rated value	10 A
at 400 V rated value	10 A
Operating current at AC-15	
at 24 V rated value	6 A
at 48 V rated value	6 A
at 110 V rated value	6 A
at 230 V rated value	6 A
at 400 V rated value	3 A
Operating current at DC-12	
at 24 V rated value	10 A
at 48 V rated value	5 A
at 110 V rated value	2.5 A
at 230 V rated value	1 A
Operating current at DC-13	
at 24 V rated value	3 A
at 48 V rated value	1.5 A
at 110 V rated value	0.7 A
at 230 V rated value	0.3 A
Connections/ Terminals:	
Type of electrical connection	screw-type terminals
Tightening torque of the screws in the bracket	0.9 ... 1.1 N·m
Ambient conditions:	
Ambient temperature	
during operation	-25 ... +60 °C
during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6
Installation/ mounting/ dimensions:	

Mounting type	front mounting
Shape of the installation opening	square
Mounting height	5 mm
Installation width	30 mm
Installation depth	63 mm