

Illuminated pushbutton, 16 mm, round, plastic, green, pushbutton, flat, 1 NO, Lampholder W2 x 4.6 d, with incandescent lamp 24 V



product brand name	SIRIUS
product designation	Illuminated pushbuttons
design of the product	Complete unit round
product type designation	3SB2
<b>Enclosure</b>	
number of command points	1
<b>Actuator</b>	
design of the actuating element	Illuminated pushbutton
principle of operation of the actuating element	momentary contact type
product extension optional light source	Yes
color of the actuating element	green
material of the actuating element	plastic
shape of the actuating element	Flat pushbutton
type of unlocking device	without
number of switching positions	2
<b>Front ring</b>	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
<b>Holder</b>	
material of the holder	Plastic
<b>Contact block/ lampholder</b>	
socket design	W2 x 4.6d with lamp
number of lampholders	1
number of switching elements	1
<b>General technical data</b>	
product function	
• positive opening	No
• EMERGENCY STOP function	No
product component light source	Yes
type of voltage of the operating voltage	AC/DC
protection class IP	IP65
vibration resistance according 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
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	07/01/2006
operating voltage rated value	5 ... 60 V

Supply voltage	
type of voltage of the supply voltage • of the light source	AC/DC
<b>supply voltage of the light source at AC</b> • at 50 Hz rated value • at 60 Hz rated value	24 V 24 V
supply voltage 1 of the light source at DC rated value	24 V
<b>relative negative tolerance of the supply voltage</b>	-15 %
<b>relative positive tolerance of the supply voltage</b>	10 %

Auxiliary circuit	
<b>number of NC contacts for auxiliary contacts</b>	0
<b>number of NO contacts for auxiliary contacts</b>	1
number of CO contacts for auxiliary contacts	0
<b>consumed current for rated value of supply voltage maximum</b>	40 mA
<b>operational current at AC-12</b> • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 230 V rated value	10 A 10 A 10 A 10 A
<b>operational current at AC-15</b> • at 24 V rated value • at 110 V rated value • at 230 V rated value	4 A 4 A 4 A
<b>operational current at DC-12</b> • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 230 V rated value	6 A 5 A 2.5 A 1 A
<b>operational current at DC-13</b> • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 230 V rated value	3 A 1.2 A 0.7 A 0.3 A

Connections/ Terminals	
<b>type of electrical connection</b>	tab terminals
<b>tightening torque of the screws in the bracket</b>	0.4 N·m

Ambient conditions	
<b>ambient temperature</b> • during operation • during storage	-25 ... +60 °C -40 ... +80 °C
environmental category during operation according to IEC 60721	3K6

Installation/ mounting/ dimensions	
<b>fastening method</b>	front plate mounting
<b>shape of the installation opening</b>	round
<b>mounting diameter</b>	16 mm
<b>mounting height</b>	8 mm
<b>installation width</b>	19 mm
<b>installation depth</b>	50 mm

Certificates/ approvals	
General Product Approval	Declaration of Conformity



Test Certificates

other

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2226-0AE01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2226-0AE01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2226-0AE01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2226-0AE01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2226-0AE01&lang=en)

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