



Illuminated pushbutton, 16 mm, round, plastic, clear, pushbutton, raised, 1 NO, Lampholder W2 x 4.6 d,

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Illuminated pushbuttons
<b>design of the product</b>	Complete unit round
<b>product type designation</b>	3SB2
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	Illuminated pushbutton
<b>principle of operation of the actuating element</b>	momentary contact type
<b>product extension optional light source</b>	Yes
<b>color of the actuating element</b>	clear
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	Raised pushbutton
<b>type of unlocking device</b>	without
<b>number of switching positions</b>	2
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	plastic
<b>color of the front ring</b>	black
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Contact block/ lampholder</b>	
<b>socket design</b>	W2 x 4.6d without lamp
<b>number of lampholders</b>	1
<b>number of switching elements</b>	1
<b>General technical data</b>	
<b>product function</b>	
• positive opening	No
• EMERGENCY STOP function	No
<b>product component light source</b>	No
<b>type of voltage of the operating voltage</b>	AC/DC
<b>protection class IP</b>	IP65
<b>vibration resistance according to IEC 60068-2-6</b>	20 ... 200 Hz: 5g
<b>operating frequency maximum</b>	1 000 1/h
<b>mechanical service life (switching cycles) typical</b>	3 000 000
<b>reference code according to IEC 81346-2</b>	S
<b>Substance Prohibitance (Date)</b>	07/01/2006
<b>operating voltage rated value</b>	5 ... 60 V

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

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

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

Installation/ mounting/ dimensions	
fastening method	front plate mounting
shape of the installation opening	round
mounting diameter	16 mm
mounting height	12 mm
installation width	19 mm
installation depth	50 mm

Certificates/ approvals	
General Product Approval	Declaration of Conformity



Test Certificates	other
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[Special Test Certificate](#)

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[Confirmation](#)

Further information
Information- and Downloadcenter (Catalogs, Brochures,...) <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a> Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SB2206-0LH01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SB2206-0LH01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2206-0LH01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SB2206-0LH01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SB2206-0LH01&lang=en)

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