## **SIEMENS**

Data sheet 3SB2206-0AF01

Illuminated pushbutton, 16 mm, round, plastic, blue, pushbutton, flat, 1 NO, Lampholder W2 x 4.6 d,



Figure similar

product brand name	SIRIUS
product designation	Illuminated pushbuttons
design of the product	Complete unit round
product type designation	3SB2
Enclosure	
number of command points	1
Actuator	
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	blue
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	
socket design	W2 x 4.6d without lamp
number of lampholders	1
number of switching elements	1
General technical data	
product function	
<ul> <li>positive opening</li> </ul>	No
EMERGENCY STOP function	No
product component light source	No
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 (operating 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

number of NC contacts for auxiliary contacts         0           number of NO contacts for auxiliary contacts         1           number of CO contacts for auxiliary contacts         0           operational current at AC-12         10 A           at 24 V rated value         10 A           at 100 V rated value         10 A           at 230 V rated value         10 A           perational current at AC-15         10 A           at 24 V rated value         4 A           at 24 V rated value         4 A           at 24 V rated value         4 A           at 25 V rated value         5 A           at 26 V rated value         5 A           at 27 V rated value         2.5 A           at 27 V rated value         1 A           at 28 V rated value         3 A           at 24 V rated value         3 A           at 24 V rated value         3 A           at 24 V rated value         3 A           at 25 V rated value         0.7 A           at 26 V rated value         0.3 A           Connections/ Terminals         0.3 A           Connections/ Terminals         0.3 A           Connections/ Terminals         0.4 Nm           Ambient conditions         0.4 Nm	Auxiliary circuit	
number of CO contacts for auxiliary contacts	number of NC contacts for auxiliary contacts	0
operational current at AC-12	number of NO contacts for auxiliary contacts	1
at 24 V rated value	number of CO contacts for auxiliary contacts	0
	operational current at AC-12	
	at 24 V rated value	10 A
• at 230 V rated value	• at 60 V rated value	10 A
operational current at AC-15   • at 24 V rated value	• at 110 V rated value	10 A
	<ul> <li>at 230 V rated value</li> </ul>	10 A
	operational current at AC-15	
• at 230 V rated value  operational current at DC-12  • at 24 V rated value  • at 60 V rated value  • at 1110 V rated value  • at 230 V rated value  • at 24 V rated value  • at 25 A  • at 27 V rated value  • at 27 V rated value  • at 280 V rated value  • at 110 V rated value  • at 230 V rated value  • at 250 V rated value  • at 260 V rated value  • at 27 V rated value  • at 280 V rated value  • at 60 V rated va	<ul><li>at 24 V rated value</li></ul>	4 A
operational current at DC-12  • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 230 V rated value • at 24 V rated value • at 25 W rated value • at 25 W rated value • at 26 V rated value • at 110 V rated value • at 110 V rated value • at 230 V rated value • 0.3 A  Connections/ Terminals  type of electrical connection tightening torque of the screws in the bracket  Ambient conditions  ambient temperature • during operation • during storage • during storage • 40 +80 °C  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method shape of the installation opening mounting diameter  16 mm mounting height installation width 19 mm installation depth  50 mm	<ul> <li>at 110 V rated value</li> </ul>	4 A
at 24 V rated value at 60 V rated value 5 A at 110 V rated value 2.5 A at 230 V rated value 1 A  operational current at DC-13 at 24 V rated value 3 A at 60 V rated value 3 A at 60 V rated value 3 A at 110 V rated value 3 A at 110 V rated value 3 A at 230 V rated value 3 A at 230 V rated value 4 A V rated value 5 A  at 110 V rated value 5 A  at 230 V rated value 6 A  4 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5	• at 230 V rated value	4 A
at 10 V rated value at 110 V rated value 2.5 A at 230 V rated value 1 A  operational current at DC-13  at 24 V rated value 3 A at 60 V rated value 1.2 A at 110 V rated value 5.7 A at 230 V rated value 1.2 A at 110 V rated value 7.7 A at 230 V rated value 7.7 A at 230 V rated value 7.8 A at 26 V rated value 7.8 A at 28 V rated value 7.9 A at 29 V rated value 7.9 A at 29 V rated value 7.9 A at 20 V rated value 7.9 A at 20 V rated value 7.9 A at 20 V rated value 7.9 A A at 20 V rated value 7.9 A A A B Connections/ Torninals  type of electrical connection tab terminals  tightening torque of the screws in the bracket 7.0 A V·m A Ambient conditions  ambient temperature 4 during operation 4 -25 +60 °C 4 during storage 4 -40 +80 °C environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method front plate mounting shape of the installation opening mounting diameter fround mounting height finstallation width finstallation width finstallation width finstallation width finstallation depth	operational current at DC-12	
at 110 V rated value at 230 V rated value 1 A  operational current at DC-13  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 tightening torque of the screws in the bracket 0.4 N·m  Ambient conditions  ambient temperature 4 during operation 4 during storage 4-40 +80 °C environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method front plate mounting shape of the installation opening mounting diameter mounting height installation width 19 mm installation depth  50 mm	<ul> <li>at 24 V rated value</li> </ul>	6 A
at 230 V rated value  operational current at DC-13  at 24 V rated value  at 60 V rated value  at 1.2 A  at 110 V rated value  at 230 V rated value  ot 24 V rated value  ot 25 V rated value  ot 25 V rated value  ot 25 V rated value  ot 3 A  Connections/ Terminals  type of electrical connection  tab terminals  tightening torque of the screws in the bracket  ot 4 N·m  Ambient conditions  ambient temperature  ot during operation  ot 25 ··· +60 °C  ot during storage  -40 ··· +80 °C  environmental category during operation according to IEC  60721  Installation/ mounting/ dimensions  fastening method  shape of the installation opening  mounting diameter  font plate mounting  mounting diameter  16 mm  mounting height  8 mm  installation width  19 mm  installation depth  50 mm	<ul> <li>at 60 V rated value</li> </ul>	5 A
operational current at DC-13  • at 24 V rated value • at 60 V rated value • at 110 V rated value • at 230 V rated value • 0.3 A  Connections/ Terminals  type of electrical connection tightening torque of the screws in the bracket  Ambient conditions  ambient temperature • during operation • during storage • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method front plate mounting shape of the installation opening mounting diameter mounting diameter mounting height installation width installation depth  50 mm	<ul> <li>at 110 V rated value</li> </ul>	2.5 A
<ul> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>0.7 A</li> <li>at 230 V rated value</li> <li>0.3 A</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>tab terminals</li> <li>tightening torque of the screws in the bracket</li> <li>0.4 N·m</li> </ul> Ambient conditions ambient temperature <ul> <li>during operation</li> <li>eduring storage</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> Installation/ mounting/ dimensions <ul> <li>fastening method</li> <li>front plate mounting</li> <li>shape of the installation opening</li> <li>mounting diameter</li> <li>mounting height</li> <li>8 mm</li> <li>installation width</li> <li>installation depth</li> <li>50 mm</li> </ul>	at 230 V rated value	1 A
at 60 V rated value at 110 V rated value 0.7 A at 230 V rated value 0.3 A  Connections/ Terminals  type of electrical connection tightening torque of the screws in the bracket  Ambient conditions  ambient temperature a during operation a during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method shape of the installation opening mounting diameter mounting diameter mounting height installation width 19 mm installation depth  1.2 A 0.7 A 0.7 A 0.7 A 0.8 A 0.7 A 0.9 A 0.9 A 0.4 N·m  1.2 A 0.7 A 0.4 N·m  1.2 A 0.7 A 0.4 N·m  1.2 A 0.7 A 0.4 N·m  1.2 A 0.4 N·m  1.2 A 0.7 A 0.4 N·m  1.2 A 0.4 N·m  1.2 M·m  1.2 M·m  1.2 A 0.7 A 0.8 A 0.8 A 0.9 C	operational current at DC-13	
at 110 V rated value  at 230 V rated value  0.3 A  Connections/ Terminals  type of electrical connection  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  additional during operation  during operation  during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method  shape of the installation opening  mounting diameter  mounting height  installation width  installation width  19 mm  installation depth  10 A N·m  11 A N·m  12 A N·m  13 A N·m  14 A N·m  15 A N·m  16 A N·m  17 A N·m  18 A M·m  19 M·m  19 M·m  19 M·m  19 M·m  10 A N·m	<ul> <li>at 24 V rated value</li> </ul>	3 A
o at 230 V rated value  Connections/ Terminals  type of electrical connection  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  olduring operation  during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method  shape of the installation opening  mounting diameter  mounting height installation width installation depth  0.3 A  1ab terminals  tab terminals  1ab terminals	<ul> <li>at 60 V rated value</li> </ul>	1.2 A
type of electrical connection  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation • during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method shape of the installation opening mounting diameter mounting diameter mounting height installation width installation depth  50 mm	<ul> <li>at 110 V rated value</li> </ul>	0.7 A
type of electrical connection  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation • during storage • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method shape of the installation opening mounting diameter mounting diameter mounting height installation width installation width installation depth  tab terminals  0.4 N·m  0.4 N·m  40.4 N·m  60.4 N·m	<ul> <li>at 230 V rated value</li> </ul>	0.3 A
tightening torque of the screws in the bracket  Ambient conditions  ambient temperature  • during operation • during storage • during storage • antiron mounting operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method front plate mounting shape of the installation opening mounting diameter mounting diameter finatellation width installation width 19 mm installation depth  0.4 N·m  -25 +60 °C  -40 +80 °C  3K6  6721  3K6  6721  4 0 +80 °C  3K6  6721  4 0 +80 °C	Connections/ Terminals	
Ambient conditions  ambient temperature  • during operation • during storage • during storage • -40 +80 °C  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method front plate mounting shape of the installation opening mounting diameter 16 mm mounting height installation width 19 mm installation depth 50 mm	type of electrical connection	tab terminals
ambient temperature  • during operation • during storage • during storage -40 +80 °C  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method shape of the installation opening mounting diameter mounting diameter mounting height installation width installation depth  50 mm	tightening torque of the screws in the bracket	0.4 N·m
<ul> <li>● during operation</li> <li>-25 +60 °C</li> <li>● during storage</li> <li>-40 +80 °C</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method</li> <li>shape of the installation opening</li> <li>mounting diameter</li> <li>mounting height</li> <li>installation width</li> <li>installation depth</li> <li>50 mm</li> </ul>	Ambient conditions	
● during storage	ambient temperature	
environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method front plate mounting shape of the installation opening round mounting diameter 16 mm mounting height 8 mm installation width 19 mm installation depth 50 mm	<ul> <li>during operation</li> </ul>	-25 +60 °C
Installation/ mounting/ dimensions  fastening method front plate mounting shape of the installation opening round mounting diameter 16 mm mounting height 8 mm installation width 19 mm installation depth 50 mm	during storage	-40 +80 °C
fastening method front plate mounting shape of the installation opening round mounting diameter 16 mm mounting height 8 mm installation width 19 mm installation depth 50 mm		3K6
shape of the installation opening round mounting diameter 16 mm mounting height 8 mm installation width 19 mm installation depth 50 mm	Installation/ mounting/ dimensions	
mounting diameter16 mmmounting height8 mminstallation width19 mminstallation depth50 mm	fastening method	front plate mounting
mounting height 8 mm installation width 19 mm installation depth 50 mm	shape of the installation opening	round
installation width 19 mm installation depth 50 mm	mounting diameter	16 mm
installation depth 50 mm	mounting height	8 mm
·	installation width	19 mm
Certificates/ approvals	installation depth	50 mm
	Certificates/ approvals	

**General Product Approval** 

**Declaration of Conformity** 













**Test Certificates** 

other

Miscellaneous

Special Test Certificate

Type Test Certificates/Test Report Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SB2206-0AF01

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2206-0AF01

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SB2206-0AF01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB2206-0AF01&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB2206-0AF01&lang=en</a>

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