## **SIEMENS**

Data sheet 3SB2000-2HB01



Selector switch, 16 mm, round, plastic, black, 2 switch positions O-I, latching, actuating angle 90 degree  $\,$ 

Figure similar

product designation design of the product product type designation 3SB2  Enclosure number of command points 1 Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source voluer diameter of the actuating element product extension optional light source passes of the actuating element product extension optional light source voluer diameter of the actuating element plastic outer diameter of the actuating element type of unlocking device number of switching positions 2 actuating angle ciockwise  Front ring product component front ring design of the front ring product component front ring plastic color of the front ring plastic color of the front ring element solder element of the holder element of the holder element of the holder element of the front ring element element of the front ring plastic color of the front ring element element of the front ring plastic color of the front ring element element of the holder element of the holder element of the front ring element of the holder element of the holder element of the front ring element	product brand name	SIRIUS
product type designation 3SB2  Enclosure  number of command points 1  Actuator  design of the actuating element selector switch product extension optional light source No color of the actuating element blacking product extension optional light source No color of the actuating element black material of the actuating element plastic outer diameter of the actuating element plastic outer diameter of the actuating element 19 mm type of unlocking device rotate-to-unlatch mechanism number of switching positions 2 actuating angle elockwise 90°  Front ring product component front ring Standard material of the front ring plastic color of the front ring plastic color of the front ring plastic place of the front ring plastic place of the front ring plastic color of the front ring plastic place of the front ring plantic place of the actuating plantic plantic plantic plantic plantic plantic plan	product designation	Selector switches
Enclosure  number of command points  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source No Color of the actuating element product extension optional light source No Color of the actuating element plastic outer diameter of the actuating element plastic outer diameter of the actuating element pyee of unlocking device rotate-to-unlatch mechanism number of switching positions actuating angle clockwise 90°  Front ring product component front ring design of the front ring standard material of the front ring black Holder material of the front ring eleastic Color of the front ring No eleastic electronical data product function eleastic electronical data product function eleastic electronical e	design of the product	Single device round
number of command points 1  Actuator  design of the actuating element selector switch  principle of operation of the actuating element latching  product extension optional light source No  color of the actuating element black  material of the actuating element plastic  outer diameter of the actuating element plastic  actuating angle olockwise po*  Front ring  Front ring  product component front ring plastic  color of the front ri	product type designation	3SB2
design of the actuating element selector switch strong plastic outer diameter of the actuating element selector switch selector switch product extension optional light source No color of the actuating element black material of the actuating element plastic outer diameter of the actuating element 19 mm type of unlocking device rotate-to-unlatch mechanism number of switching positions 2 actuating angle clockwise 90°  Front ring product component front ring Standard plastic color of the front ring plastic color of the solution plastic rotation plastic selector of the front ring plastic color of the solution plastic color of the solution plastic selector plastic platic plastic plastic platic plastic platic p	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element black material of the actuating element outer diameter of the actuating element 19 mm type of unlocking device number of switching positions 2 actuating angle oclockwise 90° Front ring product component front ring design of the front ring material of the holder material of the holder plastic color of the front ring black Holder material of the holder Plastic General technical data product function  EMERGENCY OFF function No EMERGENCY STOP function No Protection class IP vibration resistance according to IEC 60068-2-6 Operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  Connections Torminais tightening torque of the screws in the bracket Ambient conditions ambient temperature	number of command points	1
principle of operation of the actuating element product extension optional light source  No  color of the actuating element outer diameter of the actuating element  plastic outer diameter of the actuating element type of unlocking device number of switching positions 2 actuating angle clockwise 90°  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black  Holder material of the holder General technical data product function EMERGENCY OFF function EMERGENCY STOP function No protection class IP vibration resistance according to IEC 60068-2-6 operating Frequency maximum preference code according to IEC 61346-2 Substance Prohibitance (Date)  Connections / Terminals tightening torque of the screws in the bracket  Ambient conditions ambient temperature	Actuator	
product extension optional light source	design of the actuating element	selector switch
color of the actuating element plastic plastic outer diameter of the actuating element 19 mm type of unlocking device rotate-to-unlatch mechanism number of switching positions 2 actuating angle clockwise 90° Front ring Product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring plastic color of the front ring Plastic P	principle of operation of the actuating element	latching
material of the actuating element  outer diameter of the actuating element  type of unlocking device number of switching positions 2 actuating angle e clockwise  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring plastic Coneral technical data product function EMERGENCY OFF function No EMERGENCY STOP function Protection class IP vibration resistance according to IEC 60068-2-6 operating frequency maximum 1000 t/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Connections/Terminals tightening torque of the screws in the bracket Ambient conditions ambient temperature	product extension optional light source	No
outer diameter of the actuating element type of unlocking device number of switching positions 2 actuating angle clockwise 90°  Front ring product component front ring design of the front ring color of the front ring color of the front ring black Holder material of the holder General technical data product function EMERGENCY OFF function EMERGENCY STOP function Vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) Connections/Terminals tightening torque of the screws in the bracket Ambient conditions according to IEC services  Totale-to-unlatch mechanism notate-to-unlatch mechanis	color of the actuating element	black
type of unlocking device rotate-to-unlatch mechanism number of switching positions 2  actuating angle	material of the actuating element	plastic
number of switching positions  actuating angle  • clockwise  90°  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder  material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  • EMERGENCY STOP function  No  • EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	outer diameter of the actuating element	19 mm
actuating angle	type of unlocking device	rotate-to-unlatch mechanism
Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder  material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	number of switching positions	2
product component front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function • EMERGENCY STOP function No • EMERGENCY STOP function No protection class IP vibration resistance according to IEC 60068-2-6 operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical mechanical service life (operating cycles) typical substance Prohibitance (Date)  Connections/ Terminals tightening torque of the screws in the bracket  Ambient temperature	actuating angle	
product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder  material of the holder  Plastic  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  • EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	• clockwise	90°
design of the front ring material of the front ring plastic color of the front ring black  Holder  material of the holder  Plastic  General technical data  product function  EMERGENCY OFF function EMERGENCY STOP function No  EMERGENCY STOP function No protection class IP vibration resistance according to IEC 60068-2-6  operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions ambient temperature	Front ring	
material of the front ring black  Holder  material of the holder Plastic  General technical data  product function  • EMERGENCY OFF function No  • EMERGENCY STOP function No  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 300 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 0.4 N·m  Ambient conditions  ambient temperature	product component front ring	Yes
color of the front ring  Holder  material of the holder  Plastic  General technical data  product function  EMERGENCY OFF function  EMERGENCY STOP function  Protection class IP  Vibration resistance according to IEC 60068-2-6  Operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	design of the front ring	Standard
material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	material of the front ring	plastic
material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	color of the front ring	black
General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	Holder	
product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	material of the holder	Plastic
● EMERGENCY OFF function  ● EMERGENCY STOP function  No  protection class IP  Vibration resistance according to IEC 60068-2-6  vibration resistance according to IEC 60068-2-6  Operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	General technical data	
● EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	product function	
protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	<ul> <li>EMERGENCY OFF function</li> </ul>	No
vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	EMERGENCY STOP function	No
operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	protection class IP	IP65
mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	vibration resistance according to IEC 60068-2-6	20 200 Hz: 5g
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	operating frequency maximum	1 000 1/h
Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	mechanical service life (operating cycles) typical	300 000
Connections/ Terminals tightening torque of the screws in the bracket  Ambient conditions ambient temperature	reference code according to IEC 81346-2	S
tightening torque of the screws in the bracket  Ambient conditions  ambient temperature	Substance Prohibitance (Date)	07/01/2006
Ambient conditions ambient temperature	Connections/ Terminals	
ambient temperature	tightening torque of the screws in the bracket	0.4 N·m
	Ambient conditions	
• during operation -25 +70 °C	ambient temperature	
	during operation	-25 +70 °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	17 mm
installation width	19 mm
installation depth	50 mm
Certificates/ approvals	

**(12)** 

**General Product Approval** 



EAC



**Declaration of Conformity** 

CE EG-Konf. **Miscellaneous** 

**Test Certificates** 

**Test Certificates** 

other

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=3SB2000-2HB01

Cax online generator

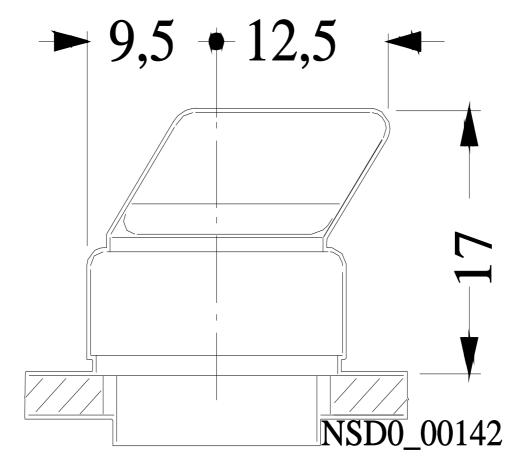
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2000-2HB01

 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$ 

https://support.industry.siemens.com/cs/ww/en/ps/3SB2000-2HB01

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB2000-2HB01&lang=en



last modified: 1/26/2022 🖸