SIEMENS

Data sheet 3SB2202-0AE01

Pushbutton, 16 mm, round, plastic, green, pushbutton, flat, 1 NO



design of the actuating element principle of operation of the actuating element product extension optional light source No	product brand name	SIRIUS
product type designation 3SB2 Enclosure number of command points 1 Actuator design of the actuating element Pushbutton momentary contact type product extension optional light source No color of the actuating element plastic plants of the front ring plastic pl	product designation	Pushbuttons
number of command points 1 Actuator design of the actuating element principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element green material of the actuating element plastic shape of the actuating element plastic shape of unlocking device without type of unlocking device without number of switching positions 2 Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring black Holder material of the holder Plastic Contact block/ lampholders number of switching elements 1 Goneral technical data Product function No EMERGENCY STOP function No type of voltage of the operating voltage Ac/DC protection class IP IPSS vibration resistance acc. to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 10000 1/h mechanical service life (switching cycles) typical reference code acc. to IEC 61346-2 S • operating voltage rated value 5 250 V	design of the product	Complete unit round
number of command points Actuator design of the actuating element	product type designation	3SB2
Actuator Pushbutton Pushb	Enclosure	
design of the actuating element principle of operation of the actuating element product extension optional light source No	number of command points	1
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element type of unlocking device number of switching positions Pront ring product component front ring design of the front ring material of the ront ring design of the front ring material of the front ring plastic color of the front plastic color of the front plastic contact block/ lampholder pumber of lampholders number of lampholders 1 General technical data product function positive opening EMERGENCY STOP function type of voltage of the operating voltage protection class IP vibration resistance acc. to IEC 60068-2-6 operating frequency maximum preference code acc. to IEC 81346-2 operating voltage rated value or method in the first plastic surface acc. voltage rated value product function in the color of the first plant plan	Actuator	
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color 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 plastic color of the ront ring color of the ron	principle of operation of the actuating element	momentary contact type
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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 material of the holder Plastic Contact block/ lampholder number of lampholders number of switching elements feneral technical data product function • positive opening • EMERGENCY STOP function type of voltage of the operating voltage protection class IP vibration resistance acc. to IEC 60068-2-6 operating frequency maximum reference code acc. to IEC 81346-2 • operating voltage rated value yes standard plastic plastic Plastic O O AC/DC Plostive opening AC/DC protection class IP Vibration resistance acc. to IEC 81346-2 • operating voltage rated value 5 250 V	number of switching positions	2
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Contact block/ lampholder number of lampholders number of switching elements 1 General technical data product function • positive opening • EMERGENCY STOP function type of voltage of the operating voltage protection class IP vibration resistance acc. to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical • operating voltage rated value 5 250 V	Holder	
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number of switching elements General technical data product function • positive opening • EMERGENCY STOP function type of voltage of the operating voltage protection class IP vibration resistance acc. to IEC 60068-2-6 operating frequency maximum mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 • operating voltage rated value 1 1 1 1 1 1 1 1 1 1 1 1 1	Contact block/ lampholder	
product function	number of lampholders	0
product function	number of switching elements	1
 positive opening EMERGENCY STOP function type of voltage of the operating voltage AC/DC protection class IP IP65 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 reference code acc. to IEC 81346-2 operating voltage rated value 5 250 V 	General technical data	
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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 reference code acc. to IEC 81346-2 operating voltage rated value 5 250 V	type of voltage of the operating voltage	AC/DC
operating frequency maximum 1 000 1/h mechanical service life (switching cycles) typical 10 000 000 reference code acc. to IEC 81346-2 • operating voltage rated value 5 250 V	protection class IP	IP65
mechanical service life (switching cycles) typical reference code acc. to IEC 81346-2 operating voltage rated value 5 250 V	vibration resistance acc. to IEC 60068-2-6	20 200 Hz: 5g
reference code acc. to IEC 81346-2 S ● operating voltage rated value 5 250 V	operating frequency maximum	1 000 1/h
• operating voltage rated value 5 250 V		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	reference code acc. to IEC 81346-2	S
Auxiliany circuit	 operating voltage rated value 	5 250 V
Huxiliary Circuit	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
operational current at AC-12	
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
operational current at AC-15	
at 24 V rated value	4 A
at 110 V rated value	4 A
at 230 V rated value	4 A
operational current at DC-12	
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
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	tab terminals
tightening torque of the screws in the bracket	0.4 N·m
Ambient conditions	
ambient temperature during operation	-25 +70 °C
ambient temperature during storage	-40 +80 °C
environmental category during operation acc. to IEC 60721	3K6
Installation/ mounting/ dimensions	
fastening method	front panel mounting
shape of the installation opening	round
mounting diameter	16 mm
mounting height	8 mm
installation width	19 mm
installation depth	50 mm
Certificates/ approvals	
General Product Approval	

General Product Approval













Declaration of Conformity Test Certificates other Railway



Miscellaneous

Miscellaneous

Special Test Certificate Confirmation

Special Test Certificate

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=3SB2202-0AE01

Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2202-0AE01 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SB2202-0AE01 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2202-0AE01&lang=en

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