SIEMENS

Data sheet

3SB2202-2AE01

Figure similar

Selector switch, 16 mm, round, plastic, green, 2 switch positions O-I, latching, actuating angle 62 degree, 1 NO

product brand name	SIRIUS
product designation	Selector switches
design of the product	Complete unit round
product type designation	3SB2
Enclosure	
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	green
material of the actuating element	plastic
type of unlocking device	rotate-to-unlatch mechanism
number of switching positions	2
actuating angle	
● clockwise	62°
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	
number of lampholders	0
number of switching elements	1
General technical data	
product function	
● positive opening	No
● EMERGENCY STOP function	No
type of voltage of the operating voltage	AC/DC
protection class IP	IP65
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
operating voltage rated value	5 ... 250 V
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0

11/12/2023

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
● 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

Approvals Certificates

General Product Approval	**Declaration of Conformity**
CSA CCC UL EAC	CE EG-Konf. UKCA

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=3SB2202-2AE01

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2202-2AE01

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

https://support.industry.siemens.com/cs/ww/en/ps/3SB2202-2AE01

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2202-2AE01&lang=en

---

last modified: 1/26/2022 ⬈

11/12/2023