

TOGGLE SWITCH, 16MM, ROUND, PLASTIC, BLACK, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X62 DEGREES 1NO, 1NO

Design of the product	Complete unit round
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Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	selector switch
Manner of function of the actuating element	Latching
Product extension optional Light source	No
Color	
• of the actuating element	black
Material of the actuating element	plastic
Type of unlocking device	rotate-to-unlatch mechanism
Number of switching positions	3
Actuating angle	
• clockwise	62°
• anticlockwise	26°

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
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Contact block/ lampholder

Number of lampholders	0
Number of switching elements	2

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
Vibration resistance	

<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 	20 ... 200 Hz: 5g
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles)	
<ul style="list-style-type: none"> • typical 	300 000
Equipment marking	
<ul style="list-style-type: none"> • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 	S
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 	S
<ul style="list-style-type: none"> • acc. to DIN EN 81346-2 	S
Operating voltage	
<ul style="list-style-type: none"> • rated value 	5 ... 250 V

Auxiliary circuit

Number of NC contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	0
Number of NO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	2
Number of CO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	0
Operating current at AC-12	
<ul style="list-style-type: none"> • at 24 V rated value 	10 A
<ul style="list-style-type: none"> • at 60 V rated value 	10 A
<ul style="list-style-type: none"> • at 110 V rated value 	10 A
<ul style="list-style-type: none"> • at 230 V rated value 	10 A
Operating current at AC-15	
<ul style="list-style-type: none"> • at 24 V rated value 	4 A
<ul style="list-style-type: none"> • at 110 V rated value 	4 A
<ul style="list-style-type: none"> • at 230 V rated value 	4 A
Operating current at DC-12	
<ul style="list-style-type: none"> • at 24 V rated value 	6 A
<ul style="list-style-type: none"> • at 60 V rated value 	5 A
<ul style="list-style-type: none"> • at 110 V rated value 	2.5 A
<ul style="list-style-type: none"> • at 230 V rated value 	1 A
Operating current at DC-13	
<ul style="list-style-type: none"> • at 24 V rated value 	3 A
<ul style="list-style-type: none"> • at 60 V rated value 	1.2 A
<ul style="list-style-type: none"> • at 110 V rated value 	0.7 A
<ul style="list-style-type: none"> • 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 acc. to IEC 60721	3K6

Installation/ mounting/ dimensions	
Mounting type	front 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

General Product Approval	Declaration of Conformity	Test Certificates	other
 CCC		 EG-Konf.	spezielle Prüfbescheinigung n
			Bestätigungen
			sonstig

other

[Umweltbestätigung](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2210-2DB01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2210-2DB01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2210-2DB01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2210-2DB01&lang=en

last modified:

12/21/2016