

TOGGLE SWITCH, 16MM, ROUND, PLASTIC, RED, 3 SWITCH POSITIONS I-O-II, MOMENTARY CONTACT, ACTUATING ANGLE 2X50 DEGREES 1NO, 1NO

Design of the product	Complete unit round
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Enclosure:

Number of control points	1
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Actuator:

Design of the operating mechanism	selector switch
Manner of function of the actuating element	Momentary contact type
Product expansion optional Light source	No
Color	
<ul style="list-style-type: none"> of the actuating element 	Red
Material of the actuating element	plastic
Type of unlocking device	without
Number of switching positions	3
Actuating angle	
<ul style="list-style-type: none"> clockwise 	° 50
<ul style="list-style-type: none"> anticlockwise 	° 50

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	
<ul style="list-style-type: none"> positive opening 	No
<ul style="list-style-type: none"> EMERGENCY STOP function 	No
Type of voltage	
<ul style="list-style-type: none"> of the operating voltage 	AC/DC
Vibration resistance	
<ul style="list-style-type: none"> acc. to IEC 60068-2-6 	20 ... 200 Hz: 5g

Operating frequency maximum	1/h	1 000
Mechanical service life (switching cycles)		
• typical		300 000
Protection class IP		IP65
Equipment marking		
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		S
• acc. to DIN EN 61346-2		S
• acc. to DIN EN 81346-2		S
Operating voltage		
• Rated value	V	5 ... 250

Auxiliary circuit:

Number of NC contacts		
• for auxiliary contacts		0
Number of NO contacts		
• for auxiliary contacts		2
Number of CO contacts		
• for auxiliary contacts		0
Operating current at AC-12		
• at 60 V Rated value	A	10
• at 110 V Rated value	A	10
• at 24 V Rated value	A	10
• at 230 V Rated value	A	10
Operating current at AC-15		
• at 230 V Rated value	A	4
Operating current		
• at DC-12		
— at 60 V Rated value	A	5
— at 110 V Rated value	A	2.5
• at DC-13		
— at 24 V Rated value	A	3
— at 60 V Rated value	A	1.2
— at 110 V Rated value	A	0.7

Connections/ Terminals:

Type of electrical connection	tab terminals
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Ambient conditions:




Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +80

Installation/ mounting/ dimensions:

Mounting type	front mounting
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Shape of the installation opening		round
Mounting diameter	mm	16

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other		
 CCC		 EG-Konf.	Special Test Certificate	Confirmation	Environmental Confirmations

other

[other](#)

Further information

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

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

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB22102EC01>

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

<http://support.automation.siemens.com/WW/view/en/3SB22102EC01/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB22102EC01&lang=en

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