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Product data sheet 3SB3501-2QA21

Actuator:		
Design of the operating mechanism		selector switch heavy-duty version with 2 switch positions
Shape / of the activation element		round
Manner of function / of the activation element		
• arresting lock		No
• tentative		Yes
Outer diameter / of the activation element	mm	28.5
Material / of the activation element		plastic
Button:		
Color / of the button		red
Front ring:		
Material / of the front ring		metal
Color / of the front ring		silver
General technical details:		
Design of the product		heavy-duty version with 2 switch positions
Number of control points		1
Number of indicator lights / installable		1
Number of switching positions		2

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Product extension / optional / fluorescent materials		Yes
Product function / emergency-OFF function		No
Type of unlocking device		without
Resistance against shock		
• for devices with incandescent lamp / according to IEC 60068-2-27		<= 30g
• for devices without incandescent lamp / according to IEC 60068-2-27		<= 50g
Operating cycles / maximum	1/h	1,000
Resistance against vibration / according to IEC 60068-2-6		20 ... 200 Hz: 5g
Mechanical operating cycles as operating time / typical		300,000
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
• according to DIN EN 61346-2		S

Auxiliary Contacts:

Number of NC contacts / for auxiliary contact		0
Number of NO contacts / for auxiliary contact		0
Number of change-over switches / for auxiliary contact		0

Installation/mounting/dimensions:

Color / of the lens		red
Product component / front ring		Yes
Material / of the housing		metal
Type of mounting		front mounting
Installation width	mm	22
Shape / of the installation hole		round
Mounting diameter	mm	22
Height	mm	30
Width	mm	30
Depth	mm	53
Tightening torque / of the screws in the holder / maximum	N·m	1

Ambient conditions:

Ambient temperature		
• during the operating phase	°C	70 … -25
• during storage	°C	-40 … 80
Protection class IP		IP67
Climatic class / according to DIN EN ISO 6270-2		KTW24

Certificates/approvals:

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General Product Approval		Test Certificates			
		Manufacturer			
Shipping Approval					
ABS				PRS	
other					
Manufacturer					

Further information:

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3SB3501-2QA21/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3501-2QA21

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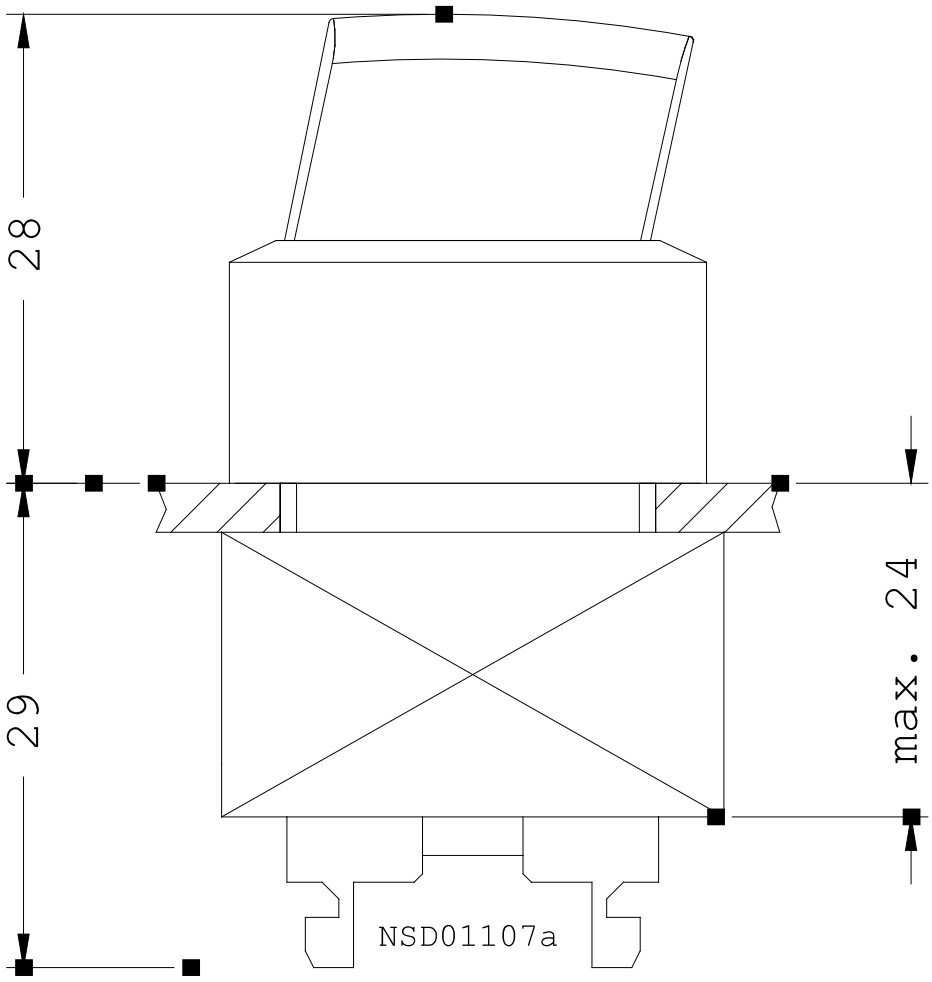

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