



Actuator:		
Design of the operating mechanism		selector switch heavy-duty version with 3 switch positions
Shape / of the activation element		round
Manner of function / of the activation element		
<ul style="list-style-type: none"> • arresting lock • tentative 		Yes Yes
Outer diameter / of the activation element	mm	28.5
Material / of the activation element		plastic
Button:		
Color / of the button		yellow
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 3 switch positions
Number of control points		1
Number of indicator lights / installable		1
Number of switching positions		3

Product extension / optional / fluorescent materials		Yes
Product function / emergency-OFF function		No
Type of unlocking device		rotate-to-unlatch mechanism
Resistance against shock		
<ul style="list-style-type: none"> • for devices with incandescent lamp / according to IEC 60068-2-27 		<= 30g
<ul style="list-style-type: none"> • 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		
<ul style="list-style-type: none"> • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		S
<ul style="list-style-type: none"> • 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		yellow
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		
<ul style="list-style-type: none"> • during the operating phase 	°C	70 ... -25
<ul style="list-style-type: none"> • during storage 	°C	-40 ... 80
Protection class IP		IP67
Climatic class / according to DIN EN ISO 6270-2		KTW24

Certificates/approvals:

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

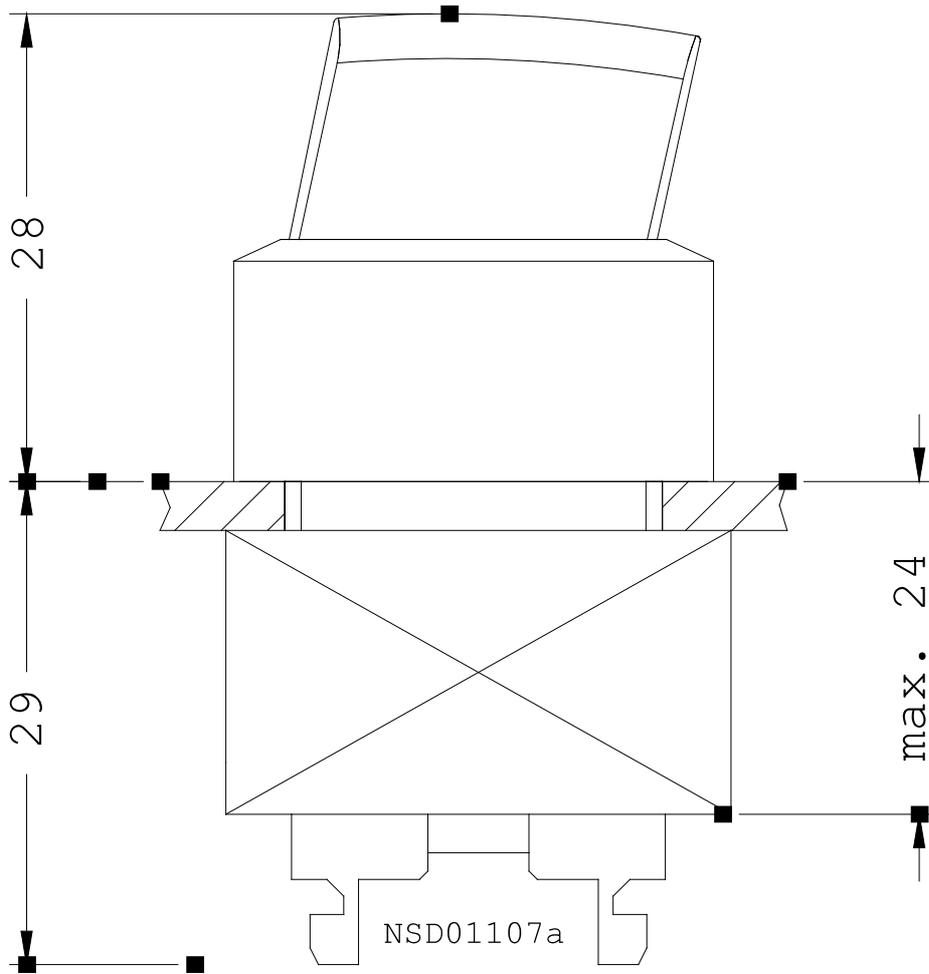
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3501-2UA31/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3501-2UA31



last change:

Sep 6, 2010