



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		• arresting lock • tentative
Outer diameter / of the activation element	mm	28.5
Material / of the activation element		plastic

Button:

Color / of the button		yellow
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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 • for devices with incandescent lamp / according to IEC 60068-2-27 • for devices without incandescent lamp / according to IEC 60068-2-27		≤ 30g ≤ 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 • according to DIN EN 61346-2		S 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:

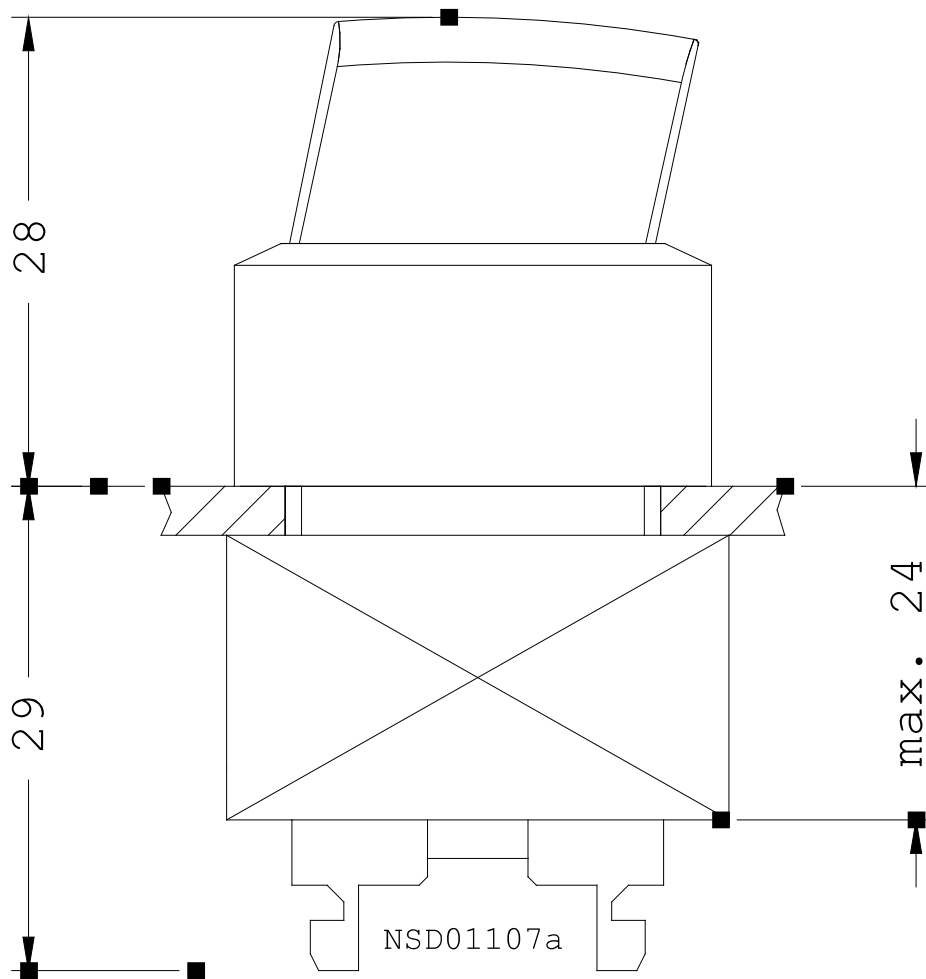
Color / of the lens		yellow
Product component / front ring		Yes
Material / of the housing		metal
Type of mounting		front mounting
Installation width	mm	22
Shape / of the installation hole		round
Mounting diameter	mm	22
Height	mm	30
Width	mm	30
Depth	mm	53
Tightening torque / of the screws in the holder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

Ambient conditions:

Ambient temperature • during the operating phase • during storage	°C °C	70 ... -25 -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/3SB3501-2SA31/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3501-2SA31



last change:

Sep 6, 2010