



22MM METAL ROUND ACTUATOR: SELECTOR SWITCH
HEAVY DUTY LATCHING 3 SWITCH POSITIONS I-O-II
ILLUMINABLE WITH HOLDER YELLOW

Actuator:		
Design of the product		Single device round
Design of the operating mechanism		selector switch heavy-duty version
External diameter / of the activation element	mm	28.5
Functionality / of the actuator		Latching
Type of unlocking device		rotate-to-unlatch mechanism
Color / of the activation element		Yellow
Material / of the activation element		plastic
Number of switching positions		3
Actuating angle		
• clockwise	°	50
• anticlockwise	°	50
Product component / front ring		Yes
Material / of the front ring		metal
Color / of the front ring		silver
Design of the front ring		Standard
Product function / EMERGENCY STOP function		No
Holder:		
Material / of the holder		Metal

General technical data:

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

Resistance against vibration / according to IEC 60068-2-6

20 ... 200 Hz: 5g

Operating cycles / maximum

1/h

1,000

Mechanical operating cycles as operating time / typical

300,000

Product extension / optional / fluorescent materials

Yes

Reference code

- according to DIN EN 61346-2
- according to DIN 40719 extended according to IEC 204-2 / according to IEC 750

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Tightening torque / of the screws in the bracket / maximum

N·m

1

Ambient temperature

- during operating
- during storage

°C

-25 ... +70

°C

-40 ... +80

Protection class IP

IP67

climatic class / during the operating phase / according to EN 60721

3K6

Mounting type

front mounting

Shape / of the installation hole

round

Installation width

mm

28.5

Mounting diameter

mm

22

Mounting height

mm

28

Mounting depth

mm

29

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates



[Special Test Certificate](#)

Shipping Approval



other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

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

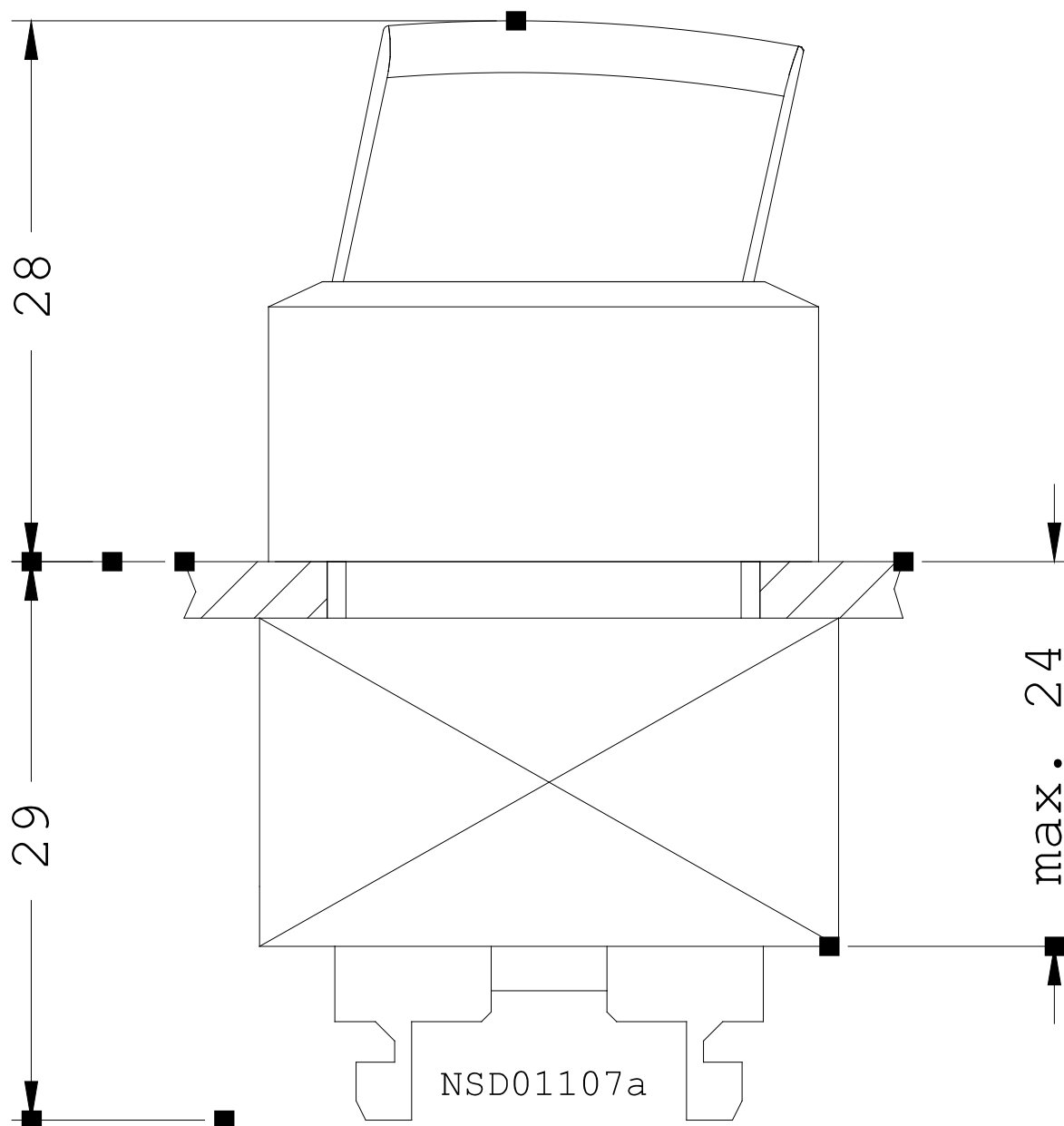
<http://www.siemens.com/cax>

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:

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