



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

### 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             |    | Red                                |
| 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

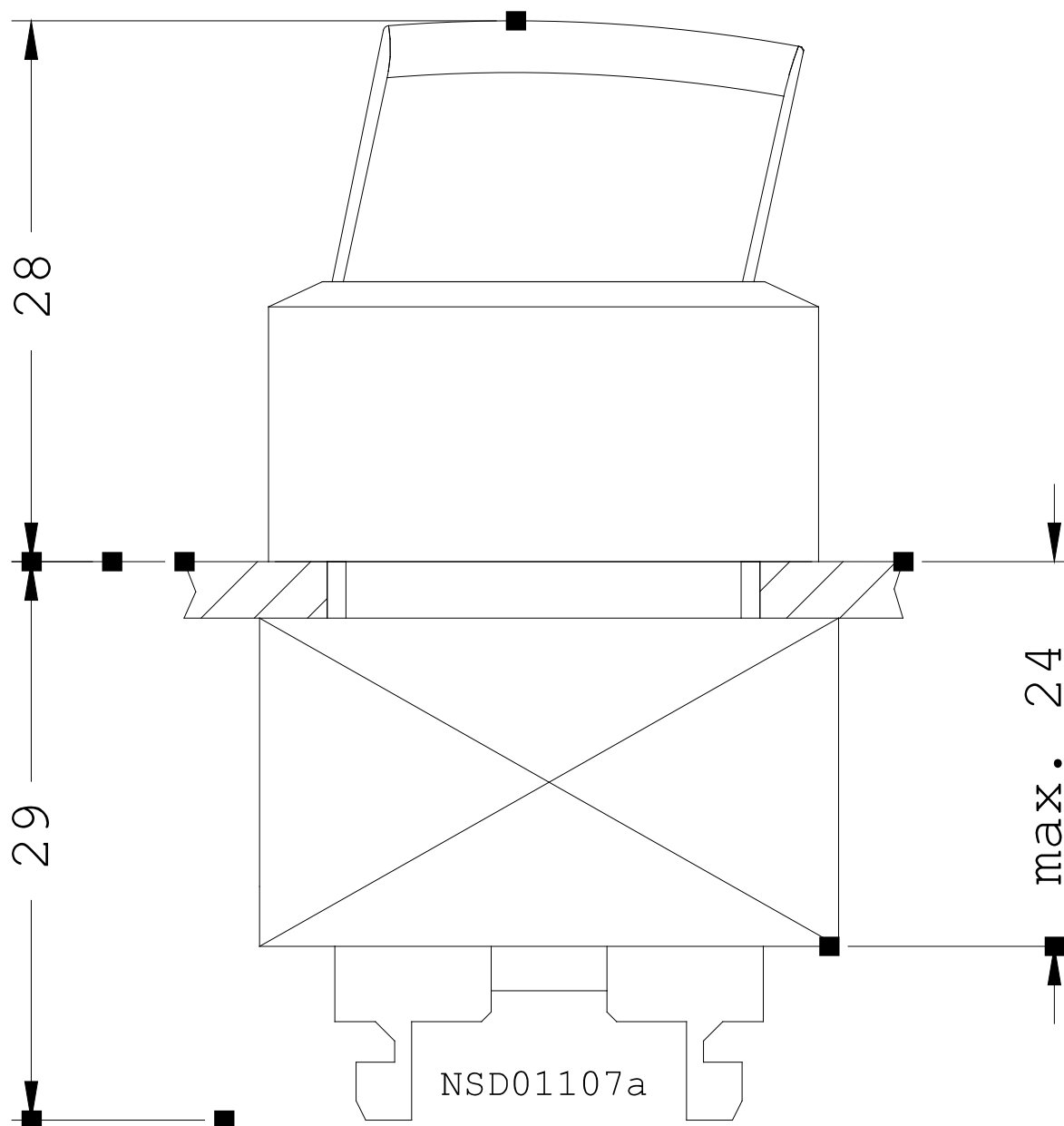
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3501-2SA21/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3501-2SA21](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3501-2SA21)



last change:

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