



22MM METAL ROUND ACTUATOR: SELECTOR SWITCH  
MOMENTARY CONTACT TYPE 3 SWITCH POSITIONS I-O  
-II ILLUMINATED WITH HOLDER CLEAR

| Actuator:                                     |    |                        |
|-----------------------------------------------|----|------------------------|
| Design of the product                         |    | Single device round    |
| Design of the operating mechanism             |    | selector switch        |
| External diameter / of the activation element | mm | 28.5                   |
| Functionality / of the actuator               |    | Momentary contact type |
| Type of unlocking device                      |    | without                |
| Color / of the activation element             |    | Clear                  |
| 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:

|                                                                                 |     |                   |
|---------------------------------------------------------------------------------|-----|-------------------|
| <b>Resistance against shock</b>                                                 |     |                   |
| • for devices with incandescent lamp / according to IEC 60068-2-27              |     | <= 30g            |
| • for devices without incandescent lamp / according to IEC 60068-2-27           |     | <= 50g            |
| <b>Resistance against vibration / according to IEC 60068-2-6</b>                |     | 20 ... 200 Hz: 5g |
| <b>Operating cycles / maximum</b>                                               | 1/h | 1,000             |
| <b>Mechanical operating cycles as operating time / typical</b>                  |     | 300,000           |
| <b>Product extension / optional / fluorescent materials</b>                     |     | Yes               |
| <b>Reference code</b>                                                           |     |                   |
| • according to DIN EN 61346-2                                                   |     | S                 |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |     | S                 |
| <b>Tightening torque / of the screws in the bracket / maximum</b>               | N·m | 1                 |
| <b>Ambient temperature</b>                                                      |     |                   |
| • during operating                                                              | °C  | -25 ... +70       |
| • during storage                                                                | °C  | -40 ... +80       |
| <b>Protection class IP</b>                                                      |     | IP67              |
| <b>climatic class / during the operating phase / according to EN 60721</b>      |     | 3K6               |
| <b>Mounting type</b>                                                            |     | front mounting    |
| <b>Shape / of the installation hole</b>                                         |     | round             |
| <b>Installation width</b>                                                       | mm  | 28.5              |
| <b>Mounting diameter</b>                                                        | mm  | 22                |
| <b>Mounting height</b>                                                          | mm  | 24                |
| <b>Mounting depth</b>                                                           | mm  | 29                |

## Certificates/ approvals:

### General Product Approval



[Special Test Certificate](#)

EG-Konf.

### 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

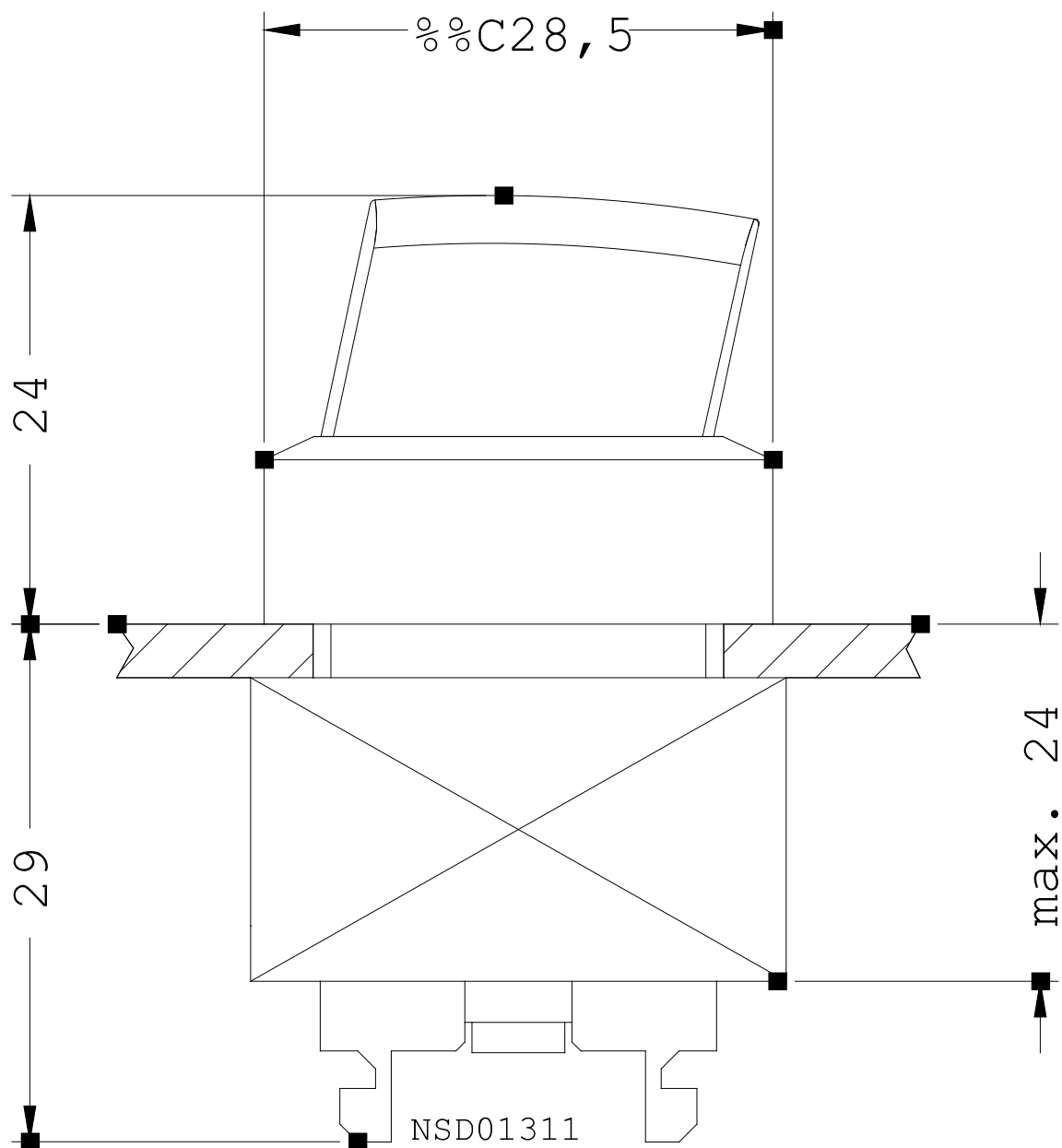
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3501-2EA71/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3501-2EA71](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3501-2EA71)



last change:

Jul 7, 2014