

22MM METAL ROUND ACTUATOR: SELECTOR SWITCH  
LATCHING 2 SWITCH POSITIONS O-I ILLUMINATED WITH  
HOLDER RED



Figure similar

|                                             |                             |
|---------------------------------------------|-----------------------------|
| Design of the product                       | Single device round         |
| Enclosure:                                  |                             |
| Number of command points                    | 1                           |
| Actuator:                                   |                             |
| Design of the operating mechanism           | selector switch             |
| Manner of function of the actuating element | Latching                    |
| Product extension optional Light source     | Yes                         |
| Color                                       |                             |
| • of the actuating element                  | Red                         |
| Material of the actuating element           | plastic                     |
| Outer diameter of the actuating element     | 28.5 mm                     |
| Type of unlocking device                    | rotate-to-unlatch mechanism |
| Number of switching positions               | 2                           |
| Actuating angle                             |                             |
| • clockwise                                 | 90°                         |
| Front ring:                                 |                             |
| Product component front ring                | Yes                         |

|                            |          |
|----------------------------|----------|
| Design of the front ring   | Standard |
| Material of the front ring | metal    |
| Color of the front ring    | silver   |

#### Holder:

|                        |       |
|------------------------|-------|
| Material of the holder | Metal |
|------------------------|-------|

#### General technical data:

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| <b>Product function</b>                                             |                   |
| • EMERGENCY OFF function                                            | No                |
| • EMERGENCY STOP function                                           | No                |
| <b>Protection class IP</b>                                          | IP67              |
| <b>Vibration resistance</b>                                         |                   |
| • acc. to IEC 60068-2-6                                             | 20 ... 200 Hz: 5g |
| <b>Operating frequency maximum</b>                                  | 1 000 1/h         |
| <b>Mechanical service life (switching cycles)</b>                   |                   |
| • typical                                                           | 300 000           |
| <b>Equipment marking</b>                                            |                   |
| • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | S                 |
| • acc. to DIN EN 61346-2                                            | S                 |
| • acc. to DIN EN 81346-2                                            | S                 |

#### Connections/ Terminals:

|                                                |                 |
|------------------------------------------------|-----------------|
| Tightening torque of the screws in the bracket | 1.4 ... 1.6 N·m |
|------------------------------------------------|-----------------|

#### Ambient conditions:

|                                                                  |                |
|------------------------------------------------------------------|----------------|
| <b>Ambient temperature</b>                                       |                |
| • during operation                                               | -25 ... +70 °C |
| • during storage                                                 | -40 ... +80 °C |
| <b>Environmental category during operation acc. to IEC 60721</b> | 3K6            |

#### Installation/ mounting/ dimensions:

|                                          |                |
|------------------------------------------|----------------|
| <b>Mounting type</b>                     | front mounting |
| <b>Shape of the installation opening</b> | round          |
| <b>Mounting diameter</b>                 | 22 mm          |
| <b>Mounting height</b>                   | 24 mm          |
| <b>Installation width</b>                | 28.5 mm        |
| <b>Installation depth</b>                | 29 mm          |

#### Certificates/approvals

| General Product Approval                                                                 | Declaration of Conformity                                                                | Test Certificates                                                                             | Shipping Approval                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>CSA | <br>EAC | <br>EG-Konf. | <a href="#">spezielle Prüfbescheinigungen</a><br>n<br><br>ABS<br><br>DNV |

| Shipping Approval                                                                                                                                                                                                                                                                 | other                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <br>LRS<br><br>PRS<br><br>RINA | <a href="#">Umweltbestätigung</a><br><a href="#">sonstig</a><br><a href="#">Bestätigungen</a> |

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3501-2HA21>

Cax online generator

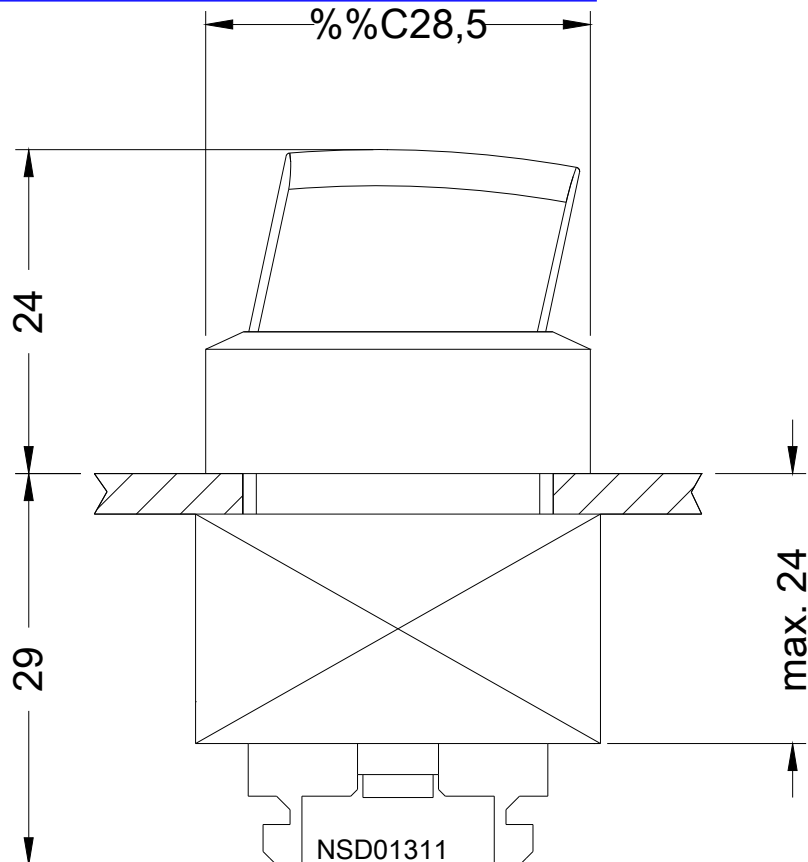
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3501-2HA21>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3501-2HA21>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3501-2HA21&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3501-2HA21&lang=en)



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