



22MM METAL ROUND ACTUATOR: PUSHBUTTON WITH RAISED FRONT RING WITH HOLDER BLACK SOLVENT-RESISTANT

### Actuator:

|                                                                                                                                        |    |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------|
| Design of the operating mechanism                                                                                                      |    | pushbutton switch with raised front ring (height 15.5 mm) |
| Shape / of the activation element                                                                                                      |    | round                                                     |
| Manner of function / of the activation element <ul style="list-style-type: none"> <li>• arresting lock</li> <li>• tentative</li> </ul> |    | No<br>Yes                                                 |
| Outer diameter / of the activation element                                                                                             | mm | 28.5                                                      |
| Material / of the activation element                                                                                                   |    | plastic                                                   |

### Button:

|                       |  |        |
|-----------------------|--|--------|
| Design of the button  |  | raised |
| Color / of the button |  | black  |

### Front ring:

|                              |  |        |
|------------------------------|--|--------|
| Material / of the front ring |  | metal  |
| Color / of the front ring    |  | silver |

### General technical details:

|                                          |  |                                         |
|------------------------------------------|--|-----------------------------------------|
| Design of the product                    |  | with raised front ring (height 15.5 mm) |
| Number of control points                 |  | 1                                       |
| Number of indicator lights / installable |  | 0                                       |

|                                                                                                                                                                                      |     |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------|
| Number of switching positions                                                                                                                                                        |     | 2                 |
| Product extension / optional / fluorescent materials                                                                                                                                 |     | No                |
| Product function / emergency-OFF function                                                                                                                                            |     | No                |
| Type of unlocking device                                                                                                                                                             |     | without           |
| Resistance against shock <ul style="list-style-type: none"> <li>• for devices without incandescent lamp / according to IEC 60068-2-27</li> </ul>                                     |     | <= 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                                                                                                                              |     | 10,000,000        |
| Item designation <ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> <li>• according to DIN EN 61346-2</li> </ul> |     | S<br>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:

|                                                           |     |                |
|-----------------------------------------------------------|-----|----------------|
| 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  | 45             |
| Tightening torque / of the screws in the holder / maximum | N·m | 1              |

#### Ambient conditions:

|                                                                                                                              |          |                          |
|------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|
| Ambient temperature <ul style="list-style-type: none"> <li>• during the operating phase</li> <li>• during storage</li> </ul> | °C<br>°C | 70 ... -25<br>-40 ... 80 |
| Protection class IP                                                                                                          |          | IP67                     |
| Climatic class / according to DIN EN ISO 6270-2                                                                              |          | KTW24                    |

#### Certificates/approvals:

## General Product Approval



[ROSTEST](#)



## 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

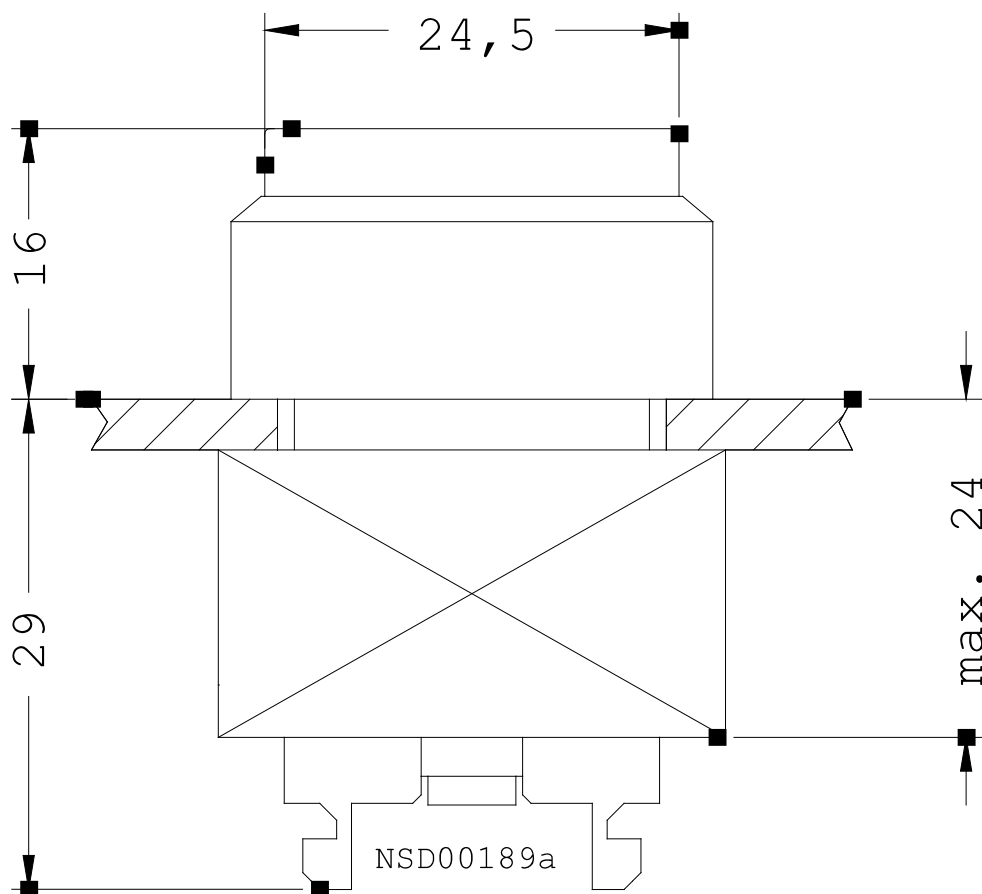
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3500-0AA12/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3500-0AA12](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-0AA12)



last change:

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