

22MM METAL ROUND ACTUATOR: ILLUM. MUSHROOM  
PUSHBUTTON 30MM MOMENTARY CONTACT TYPE  
ILLUMINABLE INCL. HOLDER FOR 3 ELEMENTS WITH HOLDER  
WHITE Z= 20 UNITS PACKED

|                       |                     |
|-----------------------|---------------------|
| Design of the product | Single device round |
|-----------------------|---------------------|

### Enclosure:

|                          |   |
|--------------------------|---|
| Number of command points | 1 |
|--------------------------|---|

### Actuator:

|                                             |                        |
|---------------------------------------------|------------------------|
| Design of the operating mechanism           | mushroom pushbutton    |
| Manner of function of the actuating element | Momentary contact type |
| Product extension optional Light source     | Yes                    |
| Color                                       |                        |
| • of the actuating element                  | White                  |
| Material of the actuating element           | plastic                |
| Outer diameter of the actuating element     | 30 mm                  |
| Type of unlocking device                    | without                |
| Number of switching positions               | 2                      |

### 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:

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| Product function                                                    |                   |
| • EMERGENCY OFF function                                            | No                |
| • EMERGENCY STOP function                                           | No                |
| Protection class IP                                                 | IP67              |
| Vibration resistance                                                |                   |
| • acc. to IEC 60068-2-6                                             | 20 ... 200 Hz: 5g |
| Operating frequency maximum                                         | 1 000 1/h         |
| Mechanical service life (switching cycles)                          |                   |
| • typical                                                           | 3 000 000         |
| Equipment marking                                                   |                   |
| • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | S                 |

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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#### Connections/ Terminals:

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

#### Ambient conditions:

##### Ambient temperature

- during operation -25 ... +70 °C
- during storage -40 ... +80 °C

**Environmental category during operation acc. to IEC 60721**

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>                   | 27.5 mm        |
| <b>Installation width</b>                | 30 mm          |
| <b>Installation depth</b>                | 29 mm          |

#### Certificates/approvals

##### General Product Approval

##### Declaration of Conformity

##### Test Certificates

##### Shipping Approval



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##### Shipping Approval

##### other



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##### other

[Umweltbestätigung](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<http://www.siemens.com/industrial-controls/catalogs>

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3501-1DA61-Z X90>

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3501-1DA61-Z X90>

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3501-1DA61-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3501-1DA61-Z X90&lang=en)