

22MM PLASTIC ROUND ACTUATOR: ILLUM. MUSHROOM  
PUSHBUTTON 40MM MOMENTARY CONTACT TYPE  
ILLUMINABLE INCL. HOLDER FOR 3 ELEMENTS Z=WITHOUT  
HOLDER YELLOW

|                       |                     |
|-----------------------|---------------------|
| 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                  | Yellow                 |
| Material of the actuating element           | plastic                |
| Outer diameter of the actuating element     | 28 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   | plastic  |
| Color of the front ring      | black    |

### General technical data:

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| Product function                                                    |                   |
| • EMERGENCY OFF function                                            | No                |
| • EMERGENCY STOP function                                           | No                |
| Protection class IP                                                 | IP66              |
| 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                                            | S                 |
| • acc. to DIN EN 81346-2                                            | S                 |

#### 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:

|                                   |                |
|-----------------------------------|----------------|
| Mounting type                     | front mounting |
| Shape of the installation opening | round          |
| Mounting diameter                 | 22 mm          |
| Mounting height                   | 23.5 mm        |
| Installation width                | 40 mm          |
| Installation depth                | 29 mm          |

#### Certificates/approvals

##### General Product Approval



EG-Konf.

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Prüfbescheinigungen](#)  
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ABS

##### Shipping Approval



DNV



LRS



PRS



RINA

##### other

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[Umweltbestätigung](#)

##### other

[sonstig](#)

#### 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=3SB3001-1GA31-Z B01>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3001-1GA31-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3001-1GA31-Z B01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3001-1GA31-Z B01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3001-1GA31-Z B01&lang=en)

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