

22MM PLASTIC ROUND ACTUATOR: SELECTOR SWITCH  
LATCHING 3 SWITCH POSITIONS I-O-II ILLUMINATED 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

selector switch

#### Manner of function of the actuating element

Latching

#### Product extension optional Light source

Yes

#### Color

- of the actuating element

Yellow

#### Material of the actuating element

plastic

#### Outer diameter of the actuating element

55 mm

#### Type of unlocking device

rotate-to-unlatch mechanism

#### Number of switching positions

3

#### Actuating angle

- clockwise
- anticlockwise

50°

50°

### 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
- EMERGENCY STOP function

No

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

300 000

#### Equipment marking

- acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750

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

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#### 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>UL | <br>EAC | <br>EG-Konf. |
|                                                                                           |                                                                                          | <a href="#">spezielle Prüfbescheinigungen</a><br>n                                        | <br>ABS    |

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

| other                             |
|-----------------------------------|
| <a href="#">Umweltbestätigung</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=3SB3001-2DA31-Z B01>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3001-2DA31-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3001-2DA31-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=3SB3001-2DA31-Z B01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3001-2DA31-Z B01&lang=en)

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