

22MM PLASTIC ROUND COMPLETE UNIT  
COMBINATION: PUSHBUTTON WITH RAISED BUTTON  
SCREW TERMINAL,  
1NO+1NC WITH HOLDER YELLOW

### Actuator:

|                                            |  |                        |
|--------------------------------------------|--|------------------------|
| Design of the product                      |  | Complete unit round    |
| Design of the operating mechanism          |  | Pushbutton             |
| Functionality / of the actuator            |  | Momentary contact type |
| Type of unlocking device                   |  | without                |
| Color / of the activation element          |  | Yellow                 |
| Material / of the activation element       |  | plastic                |
| Shape / of the activation element          |  | Raised pushbutton      |
| Number of switching positions              |  | 2                      |
| Product component / front ring             |  | Yes                    |
| Material / of the front ring               |  | plastic                |
| Color / of the front ring                  |  | black                  |
| Design of the front ring                   |  | Standard               |
| Product function / EMERGENCY STOP function |  | No                     |

### Holder:

|                          |  |         |
|--------------------------|--|---------|
| Material / of the holder |  | Plastic |
|--------------------------|--|---------|

### Contact block/ lampholder:

|                                                        |  |                      |
|--------------------------------------------------------|--|----------------------|
| Design of the electrical connection                    |  | screw-type terminals |
| Number of switching elements                           |  | 1                    |
| Number of NC contacts / for auxiliary contacts         |  | 1                    |
| Number of NO contacts / for auxiliary contacts         |  | 1                    |
| Number of changeover contacts / for auxiliary contacts |  | 0                    |
| Product function / positive opening                    |  | Yes                  |
| Number of lampholders                                  |  | 0                    |
| Product component / fluorescent materials              |  | No                   |
| Product extension / optional / fluorescent materials   |  | No                   |

### Accessories:

|                                                     |  |    |
|-----------------------------------------------------|--|----|
| Product component / holder for 3 switching elements |  | No |
|-----------------------------------------------------|--|----|

### General technical data:

| Voltage type / of operating voltage                                             |     | AC/DC             |
|---------------------------------------------------------------------------------|-----|-------------------|
| <b>Operating voltage / rated value</b>                                          |     |                   |
| • minimum                                                                       | V   | 5                 |
| • maximum                                                                       | V   | 400               |
| <b>Operating current</b>                                                        |     |                   |
| • at AC-12                                                                      |     |                   |
| • at 24 V / rated value                                                         | A   | 10                |
| • at 48 V / rated value                                                         | A   | 10                |
| • at 110 V / rated value                                                        | A   | 10                |
| • at 230 V / rated value                                                        | A   | 10                |
| • at 400 V / rated value                                                        | A   | 10                |
| • at AC-15                                                                      |     |                   |
| • at 24 V / rated value                                                         | A   | 6                 |
| • at 48 V / rated value                                                         | A   | 6                 |
| • at 110 V / rated value                                                        | A   | 6                 |
| • at 230 V / rated value                                                        | A   | 6                 |
| • at 400 V / rated value                                                        | A   | 3                 |
| • at DC-12                                                                      |     |                   |
| • at 24 V / rated value                                                         | A   | 10                |
| • at 48 V / rated value                                                         | A   | 5                 |
| • at 110 V / rated value                                                        | A   | 2.5               |
| • at 230 V / rated value                                                        | A   | 1                 |
| • at DC-13                                                                      |     |                   |
| • at 24 V / rated value                                                         | A   | 3                 |
| • at 48 V / rated value                                                         | A   | 1.5               |
| • at 110 V / rated value                                                        | A   | 0.7               |
| • at 230 V / rated value                                                        | A   | 0.3               |
| <b>Resistance against shock</b>                                                 |     |                   |
| • for devices without incandescent lamp / according to IEC 60068-2-27           |     | <= 50g            |
| <b>Resistance against vibration / according to IEC 60068-2-6</b>                |     | 20 ... 200 Hz: 5g |
| <b>Operating cycles / maximum</b>                                               | 1/h | 1,000             |
| <b>Mechanical operating cycles as operating time / typical</b>                  |     | 10,000,000        |
| <b>Reference code</b>                                                           |     |                   |
| • according to DIN EN 61346-2                                                   |     | S                 |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |     | S                 |
| <b>Tightening torque / of the screws in the bracket / maximum</b>               | N·m | 1                 |
| <b>Ambient temperature</b>                                                      |     |                   |
| • during operating                                                              | °C  | -25 ... +70       |

|                                                                            |    |                |
|----------------------------------------------------------------------------|----|----------------|
| • during storage                                                           | °C | -40 ... +80    |
| <b>Protection class IP</b>                                                 |    | IP66           |
| <b>climatic class / during the operating phase / according to EN 60721</b> |    | 3K6            |
| <b>Mounting type</b>                                                       |    | front mounting |
| <b>Shape / of the installation hole</b>                                    |    | round          |
| <b>Installation width</b>                                                  | mm | 29.5           |
| <b>Mounting diameter</b>                                                   | mm | 22             |
| <b>Mounting height</b>                                                     | mm | 12             |
| <b>Mounting depth</b>                                                      | mm | 63             |

#### Certificates/ approvals:

##### General Product Approval



[Special Test Certificate](#)

EG-Konf.

##### Shipping Approval



##### other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

#### 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/3SB3201-0BA31/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3201-0BA31](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3201-0BA31)

last change:

Jul 7, 2014