



22MM PLASTIC ROUND COMPLETE UNIT  
COMBINATION: ILLUMINATED PUSHBUTTON  
MOMENTARY CONTACT TYPE WITH FLAT BUTTON  
ILLUMINATED WITH INTEGRATED LED 230V AC SCREW  
TERMINAL,  
1NO+1NC WITH HOLDER GREEN

### Actuator / signaling device:

|                                            |                        |
|--------------------------------------------|------------------------|
| Design of the product                      | Complete unit, round   |
| Design of the operating mechanism          | Illuminated pushbutton |
| Type of unlocking device                   | without                |
| Color / of the activation element          | Green                  |
| Material / of the activation element       | plastic                |
| Shape / of the activation element          | Flat 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 change-over switches / for auxiliary contacts |  | 0              |
| Product function / positive opening                     |  | Yes            |
| Number of lampholders                                   |  | 1              |
| Execution of the mounting                               |  | integrated LED |
| Product component / fluorescent materials               |  | Yes            |
| Product extension / optional / fluorescent materials    |  | Yes            |

#### Accessories:

Product component / holder for 3 switching elements

Yes

#### General technical details:

Type of voltage / of the supply voltage / of the fluorescent material

AC

• of the fluorescent material / at 60 Hz / for AC / rated value

V

230

• of the fluorescent material / at 50 Hz / for AC / rated value

V

230

Type of voltage / of the operating voltage

AC

Operating voltage / rated value

• minimum

V

190

• maximum

V

265

Operating current

• 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>             |     | 3,000,000         |
| <b>Item designation</b>                                                    |     |                   |
| • according to DIN EN 61346-2                                              |     | S                 |
| • according to DIN 40719 extendable after 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>Type of mounting</b>                                                    |     | front mounting    |
| <b>Shape / of the installation hole</b>                                    |     | round             |
| <b>Installation width</b>                                                  | mm  | 28.5              |
| <b>Mounting diameter</b>                                                   | mm  | 22                |
| <b>Mounting height</b>                                                     | mm  | 8                 |
| <b>Mounting depth</b>                                                      | mm  | 63                |

#### Certificates/approvals:

##### General Product Approval



CSA



GOST



UL



EG-Konf.

##### Test Certificates

[Special Test Certificate](#)

##### Shipping Approval



ABS



DNV



LRS



PRS



RINA

##### other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

#### Further information:

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

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**Industry Mall (Online ordering system)**  
<http://www.siemens.com/industrial-controls/mall>

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**Cax online generator:**  
<http://www.siemens.com/cax>

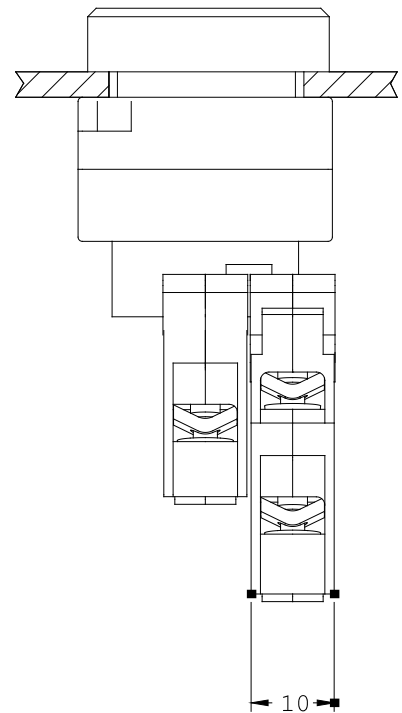
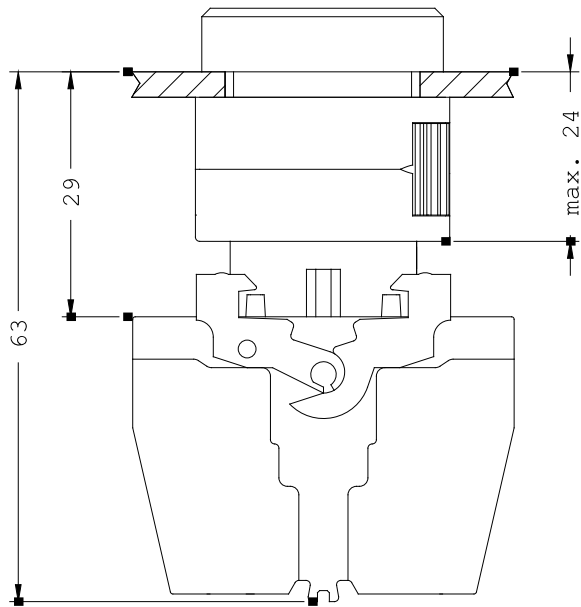
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**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<http://support.automation.siemens.com/WW/view/en/3SB3255-0AA41/all>

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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3255-0AA41](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3255-0AA41)

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**last change:**

Jan 21, 2013