

ILLUMINATED PUSHBUTTON, 22MM, ROUND, METAL, GREEN, BUTTON, FLAT, WITH HOLDER, 1NO+1NC, LAMPHOLDER BA 9S, WITH INCAND. LAMP 24V AC/DC, OPER. VOLTAGE 24V AC/DC, SCREW CONNECTION

|                       |                     |
|-----------------------|---------------------|
| Design of the product | Complete unit round |
|-----------------------|---------------------|

### Enclosure:

|                              |       |
|------------------------------|-------|
| Shape of the enclosure front | round |
| Material of the enclosure    | metal |
| Number of command points     | 1     |

### Actuator:

|                                             |                        |
|---------------------------------------------|------------------------|
| Design of the operating mechanism           | Illuminated pushbutton |
| Manner of function of the actuating element | Momentary contact type |
| Product extension optional Light source     | Yes                    |
| Color                                       |                        |
| • of the actuating element                  | Green                  |
| Material of the actuating element           | plastic                |
| Shape of the actuating element              | Flat pushbutton        |
| 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 |
|------------------------|-------|

### Contact block/ lampholder:

|                              |                 |
|------------------------------|-----------------|
| Mounting type                | BA 9s with lamp |
| Number of lampholders        | 1               |
| Number of switching elements | 1               |

### General technical data:

|                      |      |
|----------------------|------|
| Product function     |      |
| • positive opening   | Yes  |
| Product component    |      |
| • Light source       | Yes  |
| Protection class IP  | IP67 |
| Vibration resistance |      |

|                                                                     |                   |
|---------------------------------------------------------------------|-------------------|
| • acc. to IEC 60068-2-6                                             | 20 ... 200 Hz: 5g |
| <b>Operating frequency maximum</b>                                  | 1 000 1/h         |
| <b>Mechanical service life (switching cycles)</b>                   |                   |
| • typical                                                           | 3 000 000         |
| <b>Equipment marking</b>                                            |                   |
| • 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                 |

#### Supply voltage:

|                                                          |       |
|----------------------------------------------------------|-------|
| <b>Type of voltage of the supply voltage</b>             |       |
| • of the light source                                    | AC/DC |
| <b>Supply voltage 1 of the light source at AC</b>        |       |
| • at 50 Hz rated value                                   | 24 V  |
| • at 60 Hz rated value                                   | 24 V  |
| <b>Supply voltage 1 of the light source at DC</b>        |       |
| • rated value                                            | 24 V  |
| <b>Relative negative tolerance of the supply voltage</b> | -15 % |
| <b>Relative positive tolerance of the supply voltage</b> | 10 %  |

#### Auxiliary circuit:

|                                                                   |       |
|-------------------------------------------------------------------|-------|
| <b>Number of NC contacts</b>                                      |       |
| • for auxiliary contacts                                          | 1     |
| <b>Number of NO contacts</b>                                      |       |
| • for auxiliary contacts                                          | 1     |
| <b>Number of CO contacts</b>                                      |       |
| • for auxiliary contacts                                          | 0     |
| <b>Consumed current for rated value of supply voltage maximum</b> | 80 mA |
| <b>Operating current at AC-12</b>                                 |       |
| • at 24 V rated value                                             | 10 A  |
| • at 48 V rated value                                             | 10 A  |
| • at 110 V rated value                                            | 10 A  |
| • at 230 V rated value                                            | 10 A  |
| • at 400 V rated value                                            | 10 A  |
| <b>Operating current at AC-15</b>                                 |       |
| • at 24 V rated value                                             | 6 A   |
| • at 48 V rated value                                             | 6 A   |
| • at 110 V rated value                                            | 6 A   |
| • at 230 V rated value                                            | 6 A   |
| • at 400 V rated value                                            | 3 A   |
| <b>Operating current at DC-12</b>                                 |       |
| • at 24 V rated value                                             | 10 A  |

|                                                                                                                                                                        |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <ul style="list-style-type: none"> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>                                | 5 A<br>2.5 A<br>1 A            |
| <b>Operating current at DC-13</b>                                                                                                                                      |                                |
| <ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul> | 3 A<br>1.5 A<br>0.7 A<br>0.3 A |

#### Connections/ Terminals:

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| <b>Type of electrical connection</b>                  | screw-type terminals |
| <b>Tightening torque of the screws in the bracket</b> | 1.4 ... 1.6 N·m      |

#### Ambient conditions:

|                                                                                                |                                  |
|------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Ambient temperature</b>                                                                     |                                  |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul> | -25 ... +60 °C<br>-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>                   | 12 mm          |
| <b>Installation width</b>                | 28.5 mm        |
| <b>Installation depth</b>                | 63 mm          |

#### Accessories:

|                                                          |     |
|----------------------------------------------------------|-----|
| <b>Product component holder for 3 switching elements</b> | Yes |
|----------------------------------------------------------|-----|

#### Certificates/approvals

| General Product Approval                                                                 |                                                                                          | Declaration of Conformity                                                         | Test Certificates                                                                             | Shipping Approval                                                                                                                                                |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>CCC | <br>CSA |  | <br>EG-Konf. | <a href="#">spezielle Prüfbescheinigungen</a><br><a href="#">n</a><br><br>ABS |

| Shipping Approval                                                                        |                                                                                          |                                                                                          |                                                                                           | other                                                    |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <br>DNV | <br>LRS | <br>PRS | <br>RINA | <a href="#">sonstig</a><br><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=3SB3621-0AA41>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3621-0AA41>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3621-0AA41>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3621-0AA41&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3621-0AA41&lang=en)

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