SIEMENS

## Data sheet 3SB3648-6BA40

INDICATOR LIGHT, 22MM, ROUND, METAL, GREEN, LENS, CONCENTRIC RINGS, WITH HOLDER, LAMPHOLDER, WITH INTEGRATED LED AC 110V, SCREW CONNECTION

Figure similar

| | |
|---|---|
| **Design of the product** | Complete unit round |
| **Enclosure** | |
| **Shape of the enclosure front** | round |
| **Material of the enclosure** | metal |
| **Number of command points** | 0 |
| **Actuator** | |
| **Design of the operating mechanism** | indicator light |
| **Product extension optional Light source** | Yes |
| **Color** | |
| • of the actuating element | Green |
| **Shape of the actuating element** | Concentric rings |
| **Type of unlocking device** | without |
| **Number of switching positions** | 0 |
| **Front ring** | |
| **Product component front ring** | No |
| **Holder** | |


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| | |
|---|---|
| **Material of the holder** | Metal |

## Contact block/ lampholder

| | |
|---|---|
| **Mounting type** | integrated LED |
| **Number of lampholders** | 1 |
| **Number of switching elements** | 0 |

## General technical data

| | |
|---|---|
| **Product function** | |
| • positive opening | No |
| **Product component** | |
| • Light source | Yes |
| **Protection class IP** | IP67 |
| **Vibration resistance** | |
| • acc. to IEC 60068-2-6 | 20 ... 200 Hz: 5g |
| **Equipment marking** | |
| • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | H |
| • acc. to DIN EN 61346-2 | P |
| • acc. to DIN EN 81346-2 | P |

## Supply voltage

| | |
|---|---|
| **Type of voltage of the supply voltage** | |
| • of the light source | AC |
| **Supply voltage 1 of the light source at AC** | |
| • at 50 Hz rated value | 110 V |
| • at 60 Hz rated value | 110 V |
| **Relative negative tolerance of the supply voltage** | -15 % |
| **Relative positive tolerance of the supply voltage** | 10 % |

## Auxiliary circuit

| | |
|---|---|
| **Number of NC contacts** | |
| • for auxiliary contacts | 0 |
| **Number of NO contacts** | |
| • for auxiliary contacts | 0 |
| **Number of CO contacts** | |
| • for auxiliary contacts | 0 |
| **Consumed current for rated value of supply voltage maximum** | 15 mA |

## Connections/Terminals

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

## Ambient conditions

| | |
|---|---|
| **Ambient temperature** | |


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| | |
|---|---|
| • 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** | 11 mm |
| **Installation width** | 28 mm |
| **Installation depth** | 49 mm |

## Accessories

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

## Certificates/approvals

| General Product Approval | | | | Declaration of Conformity | Test Certificates |
|---|---|---|---|---|---|
| CCC | CSA | UL | | EG-Konf. | Special Test Certificate |

| Marine / Shipping | | | | other | |
|---|---|---|---|---|---|
| ABS | LRS | PRS | RINA | Miscellaneous | Confirmation |

| other |
|---|
| Environmental Confirmations |

## 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=3SB3648-6BA40

**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3648-6BA40

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SB3648-6BA40


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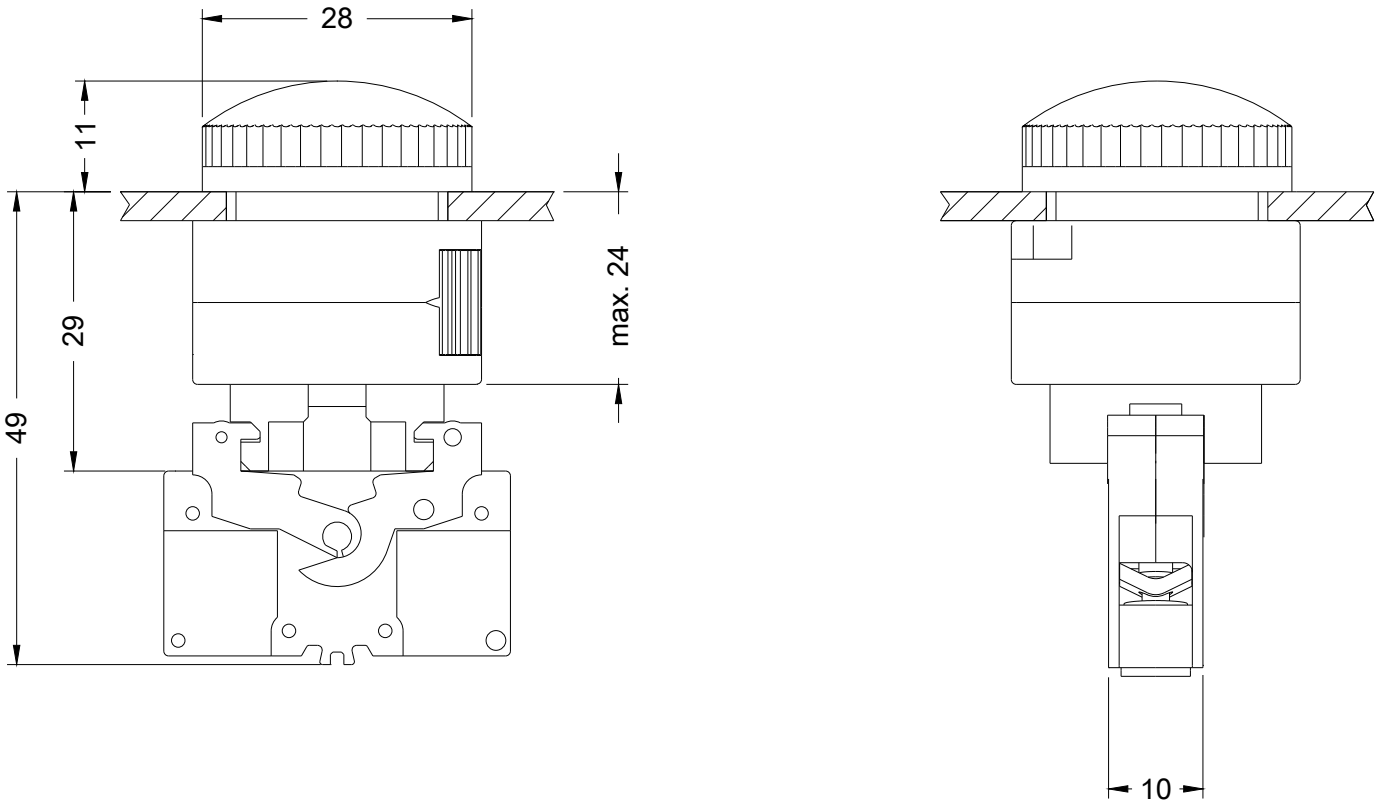
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3648-6BA40&lang=en

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