SIEMENS

Data sheet

US2:52BL5EBXB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Indicator Light Full Voltage type, 120V AC/DC LED Lamp, BA9s Glass Lens, White UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

| product brand name Siemens Pilot Devices design of the product Complete Unit, Round Faciosure Indicator Light number of command points 1 delivery state as a kit No Actuator Indicator Light product extension optional light source Yes color of the actuating element white material of the actuating element yes color of the actuating element glass shape of the actuating element glass product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring metal color of the front ring Back biolar metal Contact block/ lampholder 1 color of LED modules 1 of the product component No unmber of LED modules 1 Orlact block/ lampholders 1 of the product component No ight source Yes degree of pollution <th>· ·</th> <th></th> | · · | |
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| Enclosure 1 number of command points 1 delivery state as a kit No Actuator Indicator Light design of the actuating element Indicator Light product extension optional light source Yes color of the actuating element white material of the actuating element glass shape of the actuating element glass product component front ring Yes design of the front ring standard material of the holder metal color of the front ring black Holder metal color of the front ring BA 9s, with single LED lamp number of LED modules 1 number of LED modules 1 General tachnical data Product component e light source Yes dedegre of the operating voltage AC/DC surge voltage resistance actored value 4kV product component In e of the operating voltage AC/DC e of the operating voltage AC/DC <tr< th=""><th>product brand name</th><th>Siemens Pilot Devices</th></tr<> | product brand name | Siemens Pilot Devices |
| number of command points 1 delivery state as a kit No Actuator Actuator design of the actuating element Indicator Light product extension optional light source Yes color of the actuating element white material of the actuating element glass product component front ring Yes design of the front ring metal color of the front ring black Holder metal colar of the front ring black Holder metal colar of the/killampholder socket design number of LED modules 1 general technical data product component elight source Yes degree of pollution 1 type of voltage AC/DC e of the operating voltage AC/DC e of the input voltage <td< th=""><th>design of the product</th><th>Complete Unit, Round</th></td<> | design of the product | Complete Unit, Round |
| delivery state as a kit No Actuator Indicator Light design of the actuating element Indicator Light product extension optional light source Yes color of the actuating element glass shape of the actuating element glass product component front ring Yes design of the front ring Yes design of the front ring metal color of the front ring black Holder metal color of the holder metal color of the front ring BA 9s, with single LED lamp number of LED modules 1 Display 1 number of LED modules 1 General technical data product component • lamp transformer No • light source Yes • of the operating voltage AC/DC • of the input voltage AC/DC • of the input voltage AC/DC • of the input voltage 02000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mochanical service life (operating cycles) typical< | Enclosure | |
| Actuator Indicator Light product extension optional light source Yes color of the actuating element white material of the actuating element Goncentric rings Front ring Image: Standard | number of command points | 1 |
| design of the actuating element Indicator Light product extension optional light source Yes color of the actuating element white material of the actuating element glass shape of the actuating element glass product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring black Holder metal Contact block/ lampholder socket design number of LED modules 1 Obsplay 1 number of LED modules 1 General technical data Product component • light source Yes degree of pollution 1 type of voltage AC/DC • of the input voltage AC/DC • of the input voltage AC/DC • o | delivery state as a kit | No |
| product extension optional light source Yes color of the actuating element white material of the actuating element glass shape of the actuating element Concentric rings product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring black Holder metal color of the front ring black Holder metal color of the holder metal control to front fring black Holder metal control to front fring black Holder metal control to funpholders 1 Socket design number of LED modules 1 formation ceneral technical data product component e) any transformer No e) dight source Yes degree of pollution 1 type of voltage e) of the input voltage AC/DC surge voltage resistance according to IEC 60068-2-6 2000 Hz, 1.52 m | Actuator | |
| color of the actualing element white material of the actualing element glass front ring Yes product component front ring Standard material of the front ring standard material of the front ring black Holder metal color of the front ring black Holder metal Contract block/lampholder color of the holder contract block/lampholders 1 Olsplay 1 number of LED modules 1 General technical data product component e light source Yes degree of pollution 1 type of voltage AC/DC e of the operating voltage AC/DC e of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 152 mm displacement (peak-to-peak) max / 10g max. methanical service iffe (operating cycles) typical 50 Supply voltage of the light source AC/DC Supply voltage of the light source AC/DC supply voltage of the light source AC/DC Supply voltage of the light source AC/DC | design of the actuating element | Indicator Light |
| material of the actuating element glass shape of the actuating element Concentric rings Front ring product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring black Holder metal color of the front ring black Motare metal contract block/ lampholder metal contact block/ lampholder 1 contract block/ lampholder 1 general technical data 1 product component 0 elight source Yes degree of pollution 1 type of voltage AC/DC e of the einput voltage AC/DC e of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 output voltage 50 Supply voltage of the light source AC/DC supply voltage of the light source AC/DC supply voltage of the light source AC/DC | product extension optional light source | Yes |
| shape of the actuating element Concentric rings Product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring black Holder metal material of the holder metal Contact block/ lampholder good the single LED lamp number of lampholders 1 Display Interface number of LED modules 1 General technical data Interface product component No e light source Yes degree of pollution 1 type of voltage AC/DC e of the input voltage AC/DC e of the input voltage AC/DC e of the terminal IP20 vibration resistance rated value 4 kV protection class IP IP66 e of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 Supply voltage Go/DC supply voltage of the light source at AC at 60 Hz AC/DC | color of the actuating element | white |
| Front ring Yes gesign of the front ring standard material of the front ring metal color of the front ring black Holder metal Contact block/ lampholder socket design socket design BA 9s, with single LED lamp number of lampholders 1 Display 1 number of LED modules 1 General technical data product component • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the terminal IP20 vibration resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max/ 10g max. material service life (operating cycles) typical 50 Supply voltage Your of voltage • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max/ 10g max. <t< th=""><th>material of the actuating element</th><th>glass</th></t<> | material of the actuating element | glass |
| product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring black Holder metal color of the holder metal Contact block/ lampholder socket design socket design BA 9s, with single LED lamp number of lampholders 1 Display number of LED modules mumber of LED modules 1 General technical data Product component • lamp transformer No • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the terminal IP20 vibration resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage Ype of voltage of the supply voltage of the light source Vi | shape of the actuating element | Concentric rings |
| design of the front ring standard material of the front ring metal color of the front ring black Holder metal material of the holder metal Contact block/ lampholder metal socket design BA 9s, with single LED lamp number of LED modules 1 Display number of LED modules number of LED modules 1 General technical data Product component • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the terminal IP20 vibration resistance ated value 4 kV iP20 youtage • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage type of voltage of the light source type of voltage of the light source at AC at 60 Hz AC/DC | Front ring | |
| material of the front ring metal color of the front ring black Holder metal contact block/ lampholder metal contact block/ lampholder socket design socket design BA 9s, with single LED lamp number of lampholders 1 Display number of LED modules number of LED modules 1 General technical data product component • • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage of the light source at AC at 60 Hz AC/DC | product component front ring | Yes |
| color of the front ring black Holder metal Contact block/ lampholder socket design socket design BA 9s, with single LED lamp number of lampholders 1 Display number of LED modules real description 1 General technical data real product component No • lamp transformer No • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the toput voltage AC/DC • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | design of the front ring | standard |
| Holder metal Contact block/lampholder socket design socket design BA 9s, with single LED lamp number of lampholders 1 Display number of LED modules number of LED modules 1 General technical data 1 product component No • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage AC/DC supply voltage of the light source AC/DC | material of the front ring | metal |
| material of the holder metal Contact block/ lampholder BA 9s, with single LED lamp socket design BA 9s, with single LED lamp number of lampholders 1 Display Image: Contact block/lampholder number of LED modules 1 General technical data Image: Contact block/lampholder product component Image: Contact block/lampholder I alamp transformer No I alamp transformer No I alamp transformer Yes degree of pollution 1 type of voltage AC/DC of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage AC/DC supply voltage of the light source AC/DC | color of the front ring | black |
| Contact block/ lampholder socket design BA 9s, with single LED lamp number of lampholders 1 Display 1 Oddersal technical data 1 general technical data 1 product component No e light source Yes degree of pollution 1 type of voltage AC/DC e of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 e of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. supply voltage 50 Supply voltage of the supply voltage of the light source at AC at 60 Hz | Holder | |
| socket design BA 9s, with single LED lamp number of lampholders 1 Display 1 number of LED modules 1 General technical data 1 general technical data 1 product component No • lamp transformer No • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage AC/DC type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | material of the holder | metal |
| number of lampholders 1 Display 1 number of LED modules 1 General technical data 1 product component Image: Component • lamp transformer No • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | Contact block/ lampholder | |
| Display number of LED modules 1 General technical data product component i lamp transformer No i light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage AC/DC type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | socket design | BA 9s, with single LED lamp |
| number of LED modules 1 General technical data | number of lampholders | 1 |
| General technical data product component • lamp transformer • light source Yes degree of pollution 1 type of voltage • of the operating voltage • of the operating voltage • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage type of voltage of the light source AC/DC | Display | |
| product component Iamp transformer Iamp transformer No Iight source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 supply voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | number of LED modules | 1 |
| • lamp transformer No • light source Yes degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. Supply voltage 50 Supply voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | General technical data | |
| • light source Yes degree of pollution 1 type of voltage 1 • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. Supply voltage 50 supply voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | product component | |
| degree of pollution 1 type of voltage AC/DC • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage of the supply voltage of the light source AC/DC type of voltage of the light source at AC at 60 Hz AC/DC | lamp transformer | No |
| type of voltage AC/DC • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | light source | Yes |
| • of the operating voltage AC/DC • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | degree of pollution | 1 |
| • of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | type of voltage | |
| surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | of the operating voltage | AC/DC |
| protection class IP IP66 • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | of the input voltage | AC/DC |
| • of the terminal IP20 vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | surge voltage resistance rated value | 4 kV |
| vibration resistance according to IEC 60068-2-6 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | protection class IP | IP66 |
| mechanical service life (operating cycles) typical 50 Supply voltage 50 type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | of the terminal | IP20 |
| Supply voltage type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | vibration resistance according to IEC 60068-2-6 | 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. |
| type of voltage of the supply voltage of the light source AC/DC supply voltage of the light source at AC at 60 Hz AC/DC | mechanical service life (operating cycles) typical | 50 |
| supply voltage of the light source at AC at 60 Hz | Supply voltage | |
| | type of voltage of the supply voltage of the light source | AC/DC |
| rated value 120 V | supply voltage of the light source at AC at 60 Hz | |
| | rated value | 120 V |

| supply voltage of the light source at DC | - | |
|---|---|--|
| rated value | 120 V | |
| Connections/ Terminals | | |
| type of electrical connection | screw-type terminals | |
| of modules and accessories | screw-type terminals | |
| type of connectable conductor cross-sections for AWG cables for auxiliary contacts | 1x (18 12), 2x (18 16), 2x (16 14), 2x 12 | |
| tightening torque of the screws in the bracket | 20 N·m | |
| tightening torque [lbf-in] with screw-type terminals | 8 8 lbf-in | |
| Lamp | | |
| type of light source | Single LED | |
| color of the light source | white | |
| Safety related data | | |
| touch protection against electrical shock | finger safe | |
| Ambient conditions | | |
| ambient temperature | | |
| during operation | -35 +70 °C | |
| during storage | -40 +85 °C | |
| Installation/ mounting/ dimensions | | |
| fastening method | | |
| of modules and accessories | screw-mounting | |
| shape of the installation opening | round | |
| Certificates/ approvals | | |
| Further information | | |
| Siemens has decided to exit the Russian market (see here). | | |

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL5EBXB

Cax online generator

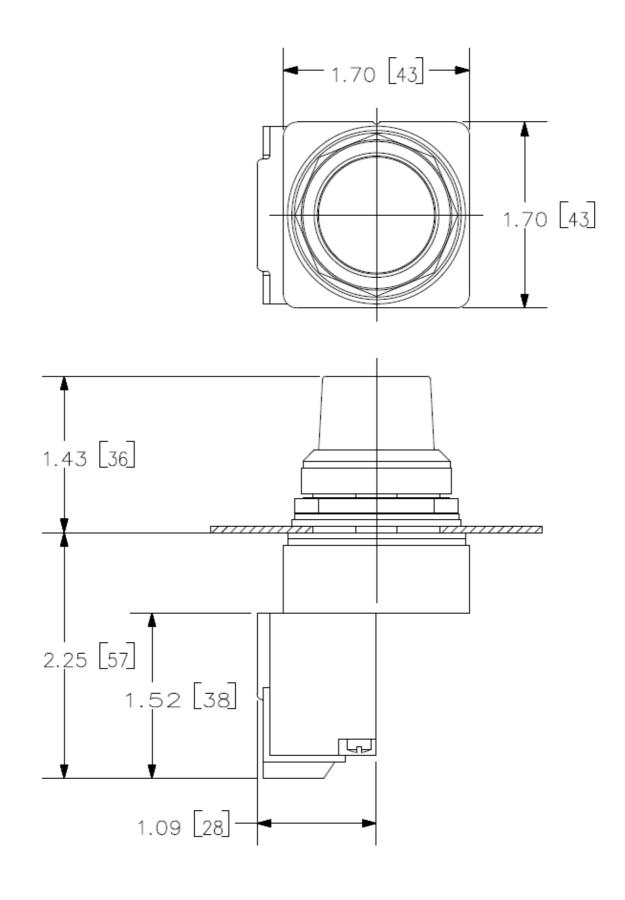
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL5EBXB

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL5EBXB

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL5EBXB&lang=en



last modified:

12/21/2020 🖸