



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit  
Illuminated Indicator Light Full Voltage type, 120V AC/DC LED Lamp, BA9s Plastic  
Lens, Red 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  |
| <b>Enclosure</b>  |   |
| number of command points                                      | 1   |
| delivery state as a kit                                       | No  |
| <b>Actuator</b>   |   |
| design of the actuating element                               | Indicator Light   |
| product extension optional light source                       | Yes   |
| color of the actuating element                                | red   |
| material of the actuating element                             | plastic   |
| shape of the actuating element                                | Concentric rings  |
| <b>Front ring</b>   |   |
| product component front ring                                  | Yes   |
| design of the front ring                                      | Standard  |
| material of the front ring                                    | metal   |
| color of the front ring                                       | black   |
| <b>Holder</b>   |   |
| material of the holder  | metal   |
| <b>Contact block/ lampholder</b>                              |   |
| socket design   | BA 9s, with single LED lamp                                       |
| number of lampholders   | 1   |
| <b>Display</b>  |   |
| number of LED modules   | 1   |
| <b>General technical data</b>                                 |   |
| product component   |   |
| • lamp transformer  | No  |
| • light source  | Yes   |
| degree of pollution   | 1   |
| type of voltage   |   |
| • of the operating voltage                                    | AC/DC   |
| • of the input voltage  | AC/DC   |
| surge voltage resistance rated value                          | 4 kV  |
| protection class IP   | IP66  |
| 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            | 100   |
| Weight  | 0.37 kg   |
| <b>Supply voltage</b>   |   |
| type of voltage of the supply voltage of the light source     | AC/DC   |
| supply voltage of the light source at AC at 60 Hz rated value |   |

|  |   |
|--|---|
| •  | 120 V   |
| <b>supply voltage of the light source at DC rated value</b>                        |   |
| •  | 120 V   |
| <b>Connections/ Terminals</b>  |   |
| <b>type of electrical connection</b>   | screw terminal  |
| • 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 |
| <b>tightening torque of the screws in the bracket maximum</b>                      | 20 N·m  |
| tightening torque [lbf·in] with screw-type terminals                               | 8 ... 8 lbf·in  |
| <b>Lamp</b>  |   |
| <b>type of light source</b>  | Single LED  |
| <b>color of the light source</b>   | red   |
| <b>Electrical Safety</b>   |   |
| <b>touch protection against electrical shock</b>                                   | finger safe   |
| <b>Ambient conditions</b>  |   |
| <b>ambient temperature</b>   |   |
| • during operation   | -35 ... +70 °C  |
| • during storage   | -40 ... +85 °C  |
| <b>Installation/ mounting/ dimensions</b>  |   |
| <b>fastening method</b>  |   |
| • of modules and accessories   | screw-mounting  |
| <b>shape of the installation opening</b>   | round   |
| <b>Further information</b>   |   |

**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=US2:52BL4E2XB>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4E2XB>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4E2XB>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:52BL4E2XB&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4E2XB&lang=en)



