



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit  
Illuminated Indicator Light Full Voltage type, 24V AC/DC Super Bright LED Lamp,  
BA9s Plastic Lens, Green 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                     | green                                                             |
| 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 cluster LED lamp                                      |
| number of lampholders                              | 1                                                                 |
| <b>Display</b>                                     |                                                                   |
| number of LED modules                              | 4                                                                 |
| <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                                                               |
| Net Weight                                         | 0.23 kg                                                           |
| operating voltage                                  |                                                                   |
| • at AC at 60 Hz rated value                       | 24 ... 28 V                                                       |

|                                                                                                                                                                                                                                                                                                                 |                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| • at DC rated value                                                                                                                                                                                                                                                                                             | 24 ... 28 V                                           |
| <b>Supply voltage</b>                                                                                                                                                                                                                                                                                           |                                                       |
| type of voltage of the supply voltage of the light source                                                                                                                                                                                                                                                       | AC/DC                                                 |
| <b>supply voltage of the light source at AC at 60 Hz rated value</b>                                                                                                                                                                                                                                            |                                                       |
| •                                                                                                                                                                                                                                                                                                               | 28 ... 24 V                                           |
| <b>supply voltage of the light source at DC rated value</b>                                                                                                                                                                                                                                                     |                                                       |
| •                                                                                                                                                                                                                                                                                                               | 28 ... 24 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>                                                                                                                                                                                                                                                                                     | Cluster LED                                           |
| <b>color of the light source</b>                                                                                                                                                                                                                                                                                | green                                                 |
| <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>                                                                                                                                                                                                                                                                                      |                                                       |
| <b>Information on the packaging</b><br><a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>                                                                                                                                  |                                                       |
| <b>Information for data generation and storage</b><br><a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a>                                                                                                                   |                                                       |
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                                                                                     |                                                       |
| <b>Industry Mall (Online ordering system)</b><br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4D3XY">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4D3XY</a>                                                                                  |                                                       |
| <b>Cax online generator</b><br><a href="https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=US2:52BL4D3XY">https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=US2:52BL4D3XY</a>                                                                      |                                                       |
| <b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b><br><a href="https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4D3XY">https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4D3XY</a>                                                                                    |                                                       |
| <b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b><br><a href="https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4D3XY&amp;lang=en">https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4D3XY&amp;lang=en</a> |                                                       |



