



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit  
Illuminated Indicator Light Transformer type, 240V AC 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                                            | Yes                                                               |
| • light source                                                | Yes                                                               |
| degree of pollution                                           | 1                                                                 |
| type of voltage                                               |                                                                   |
| • of the operating voltage                                    | AC                                                                |
| • of the input voltage                                        | AC                                                                |
| 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                                                        | 0.18 kg                                                           |
| <b>Supply voltage</b>                                         |                                                                   |
| type of voltage of the supply voltage of the light source     | AC                                                                |
| supply voltage of the light source at AC at 60 Hz rated value |                                                                   |

|                                                                                                                                                                                                                                                                                                        |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| •                                                                                                                                                                                                                                                                                                      | 6 V                                                   |
| <b>Inputs/ Outputs</b>                                                                                                                                                                                                                                                                                 |                                                       |
| output voltage 1 of the lamp transformer rated value                                                                                                                                                                                                                                                   | 6 V                                                   |
| <b>Connections/ Terminals</b>                                                                                                                                                                                                                                                                          |                                                       |
| type of electrical connection                                                                                                                                                                                                                                                                          | 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 |
| tightening torque of the screws in the bracket maximum                                                                                                                                                                                                                                                 | 20 N·m                                                |
| tightening torque [lbf·in] with screw-type terminals                                                                                                                                                                                                                                                   | 8 ... 8 lbf·in                                        |
| <b>Lamp</b>                                                                                                                                                                                                                                                                                            |                                                       |
| type of light source                                                                                                                                                                                                                                                                                   | Cluster LED                                           |
| color of the light source                                                                                                                                                                                                                                                                              | green                                                 |
| <b>Electrical Safety</b>                                                                                                                                                                                                                                                                               |                                                       |
| touch protection against electrical shock                                                                                                                                                                                                                                                              | finger safe                                           |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                              |                                                       |
| ambient temperature                                                                                                                                                                                                                                                                                    |                                                       |
| • during operation                                                                                                                                                                                                                                                                                     | -35 ... +70 °C                                        |
| • during storage                                                                                                                                                                                                                                                                                       | -40 ... +85 °C                                        |
| <b>Installation/ mounting/ dimensions</b>                                                                                                                                                                                                                                                              |                                                       |
| fastening method                                                                                                                                                                                                                                                                                       |                                                       |
| • of modules and accessories                                                                                                                                                                                                                                                                           | screw-mounting                                        |
| shape of the installation opening                                                                                                                                                                                                                                                                      | round                                                 |
| <b>Further information</b>                                                                                                                                                                                                                                                                             |                                                       |
| Information on the packaging<br><a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>                                                                                                                                |                                                       |
| Information for data generation and storage<br><a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a>                                                                                                                 |                                                       |
| Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                                                                                   |                                                       |
| Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4H3XY">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4H3XY</a>                                                                                |                                                       |
| Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=US2:52BL4H3XY">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=US2:52BL4H3XY</a>                                                                      |                                                       |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4H3XY">https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4H3XY</a>                                                                                      |                                                       |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4H3XY&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4H3XY&amp;lang=en</a> |                                                       |



