



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit  
Illuminated Indicator Light Transformer type, 480V 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./ 10 g max. |
| mechanical service life (operating cycles) typical        | 100                                                                |
| Net 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 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><br>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><br>Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a><br>Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4J3XY">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4J3XY</a><br>Cax online generator<br><a href="https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=US2:52BL4J3XY">https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=US2:52BL4J3XY</a><br>Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4J3XY">https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4J3XY</a><br>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br><a href="https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4J3XY&amp;lang=en">https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4J3XY&amp;lang=en</a> |                                                       |



