

30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit  
Illuminated Indicator Light Transformer type, 600V AC Super Bright LED Lamp,  
BA9s Plastic Lens, Amber 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	amber
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	50
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	yellow
<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>Approvals Certificates</b>	
<b>Test Certificates</b>	

#### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=US2:52BL4K9XY>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4K9XY>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4K9XY>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:52BL4K9XY&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4K9XY&lang=en)

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