



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, Red UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 &  
Automotive Standards

<b>product brand name</b>	Siemens Pilot Devices
<b>design of the product</b>	Complete Unit, Round
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>delivery state as a kit</b>	No
<b>Actuator</b>	
<b>design of the actuating element</b>	Indicator Light
<b>product extension optional light source</b>	Yes
<b>color of the actuating element</b>	red
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	Concentric rings
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	standard
<b>material of the front ring</b>	metal
<b>color of the front ring</b>	black
<b>Holder</b>	
<b>material of the holder</b>	metal
<b>Contact block/ lampholder</b>	
<b>socket design</b>	BA 9s, with cluster LED lamp
<b>number of lampholders</b>	1
<b>Display</b>	
<b>number of LED modules</b>	4
<b>General technical data</b>	
<b>product component</b>	
• lamp transformer	No
• light source	Yes
<b>degree of pollution</b>	1
<b>type of voltage</b>	
• of the operating voltage	AC/DC
• of the input voltage	AC/DC
<b>surge voltage resistance rated value</b>	4 kV
<b>protection class IP</b>	IP66
• of the terminal	IP20
<b>vibration resistance according to IEC 60068-2-6</b>	0 ... 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.
<b>mechanical service life (operating cycles) typical</b>	100
<b>operating voltage</b>	
• 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</b>	
• rated value	28 ... 24 V
<b>supply voltage of the light source at DC</b>	
• rated value	28 ... 24 V
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	screw-type terminals
• 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</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>	red
<b>Safety related data</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>Certificates/ approvals</b>	
<b>Further information</b>	

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=US2:52BL4D2XY>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4D2XY>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4D2XY>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:52BL4D2XY&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4D2XY&lang=en)



