## SIEMENS

## Data sheet

## US2:52BL4K5XB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Indicator Light Transformer type, 600V AC LED Lamp, BA9s Plastic Lens, Blue UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

product brand name         Siemens Pilot Devices           design of the product         Command points           Inumber of command points         1           delivery state as a kit         No           Actuator         Ves           delign of the actuating element         Indicator Light           product extension optional light source         Yes           color of the actuating element         blue           material of the actuating element         blue           material of the actuating element         blue           otto of the actuating element         blue           material of the actuating element         blue           product component front ring         Yes           design of the front ring         standard           material of the front ring         metal           color of the front ring         metal           color of the front ring         Back           material of the holder         metal           color of the front ring         Product component           material of the holder         Product component           material of the holder         Product component           isopk of LED modules         1           cosciet design         Ac           design of the softem			
Enclosure       1         number of command points       1         delivery state as a kit       No         Actuator       Indicator Light         product extension optional light source       Yes         color of the actuating element       blue         material of the actuating element       blue         product oxponent front ring       Yes         octor of the actuating element       Concentric rings         product component front ring       Standard         material of the front ring       Indicator Light         octor of the actuating element       Display         Product Component front ring       Indicator Light         material of the front ring       Indicator Light         material of the front ring       Indicator Light         Color of the front ring       Indicator Light         material of the holder       metal         Colract block/i lampholder       Indicator Light is source         socket design       BA 9s, with single LED lamp         number of LED modules       1         Olsplay       Indicator Light is source         element Instormer       Yes         elight source       Yes         elight source       Yes         elight source	product brand name	Siemens Pilot Devices	
number of command points         1           delivery state as a kit         No           Actuator         Actuator           design of the actuating element         Indicator Light           product extension optional light source         Yes           color of the actuating element         blue           material of the actuating element         plastic           shape of the actuating element         concentric rings           Front ring         Product component front ring           material of the front ring         Metal           color of the holder         metal           Contact block/ lampholders         1           material of the holder         metal           Contact block/ lampholders         1           Olapity         1           number of LED modules         1           General technical data         fordition           product component         Yes           elight source         Yes           degree of pollutio	design of the product	Complete Unit, Round	
delivery state as a kit     No       Actuator	Enclosure		
Actuator       Indicator Light         design of the actuating element       Indicator Light         product extension optional light source       Yes         color of the actuating element       blue         material of the actuating element       Concentric rings         product component front ring       Yes         design of the front ring       Nes         design of the front ring       Intelal         color of the drott       metal         color of the front ring       Intelal         color of the front ring       Metal         dock       Holder         material of the holder       metal         Contact block/ lampholder       Socket design         number of lampholders       1         Olsplay       Intelal         number of LED modules       1         General technical data       Product component         • lamp transformer       Yes         • light source       Yes         • of the operating voltage       AC         • of the operating voltage       AC         • of the operating v	number of command points	1	
design of the actuating element     Indicator Light       product extension optional light source     Yes       color of the actuating element     blue       material of the actuating element     concentric rings       Front ring     Yes       gesign of the front ring     Yes       design of the front ring     metal       color of the front ring     black       Holder     metal       color of the holder     metal       color of the holder     metal       Contract block/ lampholder     actuating element       socket design     BA 9s, with single LED lamp       number of LED modules     1       Olareral technical data     product component       product component     Yes       e light source     Yes       e light source     Yes       e of the operating voltage     AC       e of the operating voltage     AC       e of the operating voltage     AC       e of the input voltage     AC       e of the terminal     IP20       vibration resistance according to IEC 60068-2-6     0	delivery state as a kit	No	
product extension optional light source         Yes           color of the actuating element         blue           material of the actuating element         plastic           shape of the actuating element         Concentric rings           Front ring         Yes           design of the front ring         Standard           material of the front ring         metal           color of the front ring         metal           color of the holder         metal           color of the holder         metal           colar of the holder         metal           contact block/ lampholders         1           Display         number of LED modules           number of LED modules         1           General technical data         Yes           e light source         Yes           e light source         Yes           of the operating voltage         AC           e of the optiong voltage         AC           e surge voltage resistance rated value         4 kV           protection class IP         IP66           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.	Actuator		
color of the actuating element         blue           material of the actuating element         concentric rings           Front ring         Yes           design of the front ring         metal           color of the front ring         black           Holder         metal           Contact block/lampholder         metal           Contact block/lampholders         1           Contact block/lampholders         1           Image: Socket design         BA 9s, with single LED lamp           number of LED modules         1           General technical data	design of the actuating element	Indicator Light	
material of the actuating element         plastic           shape of the actuating element         Concentric rings           Front ring            product component front ring         standard           material of the front ring         standard           material of the front ring         metal           color of the front ring         black           Holder         metal           Contact block/ lampholder         metal           Contact block/ lampholder         1           Socket design         BA 9s, with single LED lamp           number of LED modules         1           General technical data	product extension optional light source	Yes	
shape of the actuating element         Concentric rings           Front ring         Yes           design of the front ring         standard           material of the front ring         metal           color of the front ring         black           Holder         metal           Contact block/ lampholder         socket design           socket design         BA 9s, with single LED lamp           number of lampholders         1           Display         number of LED modules           number of LED modules         1           General technical data         Yes           product component         Yes           e light source         Yes           e of the input voltage         AC           e of the input voltage         AC           of the operating voltage         AC           e of the input voltage         AC           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	color of the actuating element	blue	
Front ring       Yes         gesign of the front ring       standard         material of the front ring       metal         color of the front ring       black         Holder       metal         Contact block/ lampholder       metal         Socket design       metal         Contact block/ lampholder       metal         Contact block/ lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       Yes         e light source       Yes         e light source       Yes         of the operating voltage       AC         of the operating voltage       AC         of the operating voltage       AC         of the terminal       IP66         iP20       iP20         vibration resistance according to IEC 60068-2-6       2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         machaical service life (operating cycles) typical       100	material of the actuating element	plastic	
product component front ring     Yes       design of the front ring     standard       material of the front ring     black       Holder     metal       color of the holder     metal       Contact block/ lampholder     metal       socket design     BA 9s, with single LED lamp       number of lampholders     1       Display     0       number of LED modules     1       General technical data     Yes       product component     Yes       • light source     Yes       • of the operating voltage     AC       • of the input voltage     AC       • of the input voltage     AC       • of the terminal     IP20       vibration class IP     IP20       • of the terminal     IP20       vibration class IP     IP20       • of the terminal     IP20       • ubratic laservice life (operating cycles) typical     100	shape of the actuating element	Concentric rings	
design of the front ring       standard         material of the front ring       metal         color of the front ring       black         Holder       metal         material of the holder       metal         Contact block/ lampholder       metal         socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       1         number of LED modules       1         General technical data       Yes         e lamp transformer       Yes         e light source       Yes         degree of pollution       1         type of voltage       AC         of the operating voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         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	Front ring		
material of the front ring         metal           color of the front ring         black           Holder         metal           Contact block/ lampholder         metal           Socket design         metal           number of lampholders         1           Display         1           General tachnical data         1           general tachnical data         Yes           of the operating voltage         Yes           of the operating voltage         AC           of the input voltage         AC           of the input voltage         AC           of the input voltage         AC           of the terminal         IP66           of the terminal         IP60           vibration resistance according to IEC 60068-2-6         0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.	product component front ring	Yes	
color of the front ring       black         Holder       metal         Contact block/ lampholder       metal         contact block/ lampholder       BA 9s, with single LED lamp         number of lampholders       1         Display       1         number of LED modules       1         General technical data       Forduct component         e lamp transformer       Yes         e light source       Yes         degree of pollution       1         type of voltage       AC         of the operating voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       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	design of the front ring	standard	
Holder       metal         Contact block/ lampholder       socket design         socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       number of LED modules         number of LED modules       1         General technical data       product component         e lamp transformer       Yes         e light source       Yes         degree of pollution       1         type of voltage       AC         of the operating voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         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	material of the front ring	metal	
material of the holder         metal           Contact block/ lampholder         BA 9s, with single LED lamp           number of lampholders         1           Display         1           number of LED modules         1           General technical data         1           product component         Yes           • light source         Yes           • light source         Yes           • light source         Yes           • of the operating voltage         AC           • of the operating voltage         AC           • of the input voltage         AC           surge voltage resistance rated value         4 kV           protection class IP         IP66           • 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	color of the front ring	black	
Contact block/ lampholder         socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       Yes         • lamp transformer       Yes         • light source       Yes         degree of pollution       1         type of voltage       AC         • of the operating voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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	Holder		
socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       Ves         • lamp transformer       Yes         • light source       Yes         degree of pollution       1         type of voltage       AC         • of the operating voltage       AC         • of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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	material of the holder	metal	
number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       Yes         • lamp transformer       Yes         • light source       Yes         degree of pollution       1         type of voltage       AC         • of the operating voltage       AC         • of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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         Supply voltage	Contact block/ lampholder		
Display       1         number of LED modules       1         General technical data       1         product component       1         • lamp transformer       Yes         • light source       Yes         degree of pollution       1         type of voltage       6         • of the operating voltage       AC         • of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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         Supply voltage       100	socket design	BA 9s, with single LED lamp	
number of LED modules       1         General technical data	number of lampholders	1	
General technical data         product component         • lamp transformer         • light source         • light source         degree of pollution         1         type of voltage         • of the operating voltage         • of the input voltage         • of the input voltage         • 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.         100         Supply voltage	Display		
product component       Yes         lamp transformer       Yes         light source       Yes         degree of pollution       1         type of voltage       AC         of the operating voltage       AC         of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         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.         Supply voltage       100	number of LED modules	1	
• lamp transformer       Yes         • light source       Yes         degree of pollution       1         type of voltage          • of the operating voltage       AC         • of the input voltage       AC         • of the input voltage       AC         • of the input voltage       IP66         • 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	General technical data		
• light source       Yes         degree of pollution       1         type of voltage       -         • of the operating voltage       AC         • of the input voltage       AC         • of the input voltage       4 kV         protection class IP       IP66         • 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	product component		
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         • 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	lamp transformer	Yes	
type of voltage       AC         • of the operating voltage       AC         • of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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	light source	Yes	
• of the operating voltage       AC         • of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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         Supply voltage       IP20	degree of pollution	1	
• of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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         Supply voltage       IP20	type of voltage		
surge voltage resistance rated value       4 kV         protection class IP       IP66         • 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         Supply voltage       IP20	<ul> <li>of the operating voltage</li> </ul>	AC	
protection class IP       IP66         • 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         Supply voltage       IP20	<ul> <li>of the input voltage</li> </ul>	AC	
• 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       Supply voltage	surge voltage resistance rated value	4 kV	
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         Supply voltage       100	protection class IP	IP66	
mechanical service life (operating cycles) typical     100       Supply voltage     100	of the terminal	IP20	
Supply voltage	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	
type of voltage of the supply voltage of the light source AC	Supply voltage		
	type of voltage of the supply voltage of the light source	AC	
supply voltage of the light source at AC at 60 Hz	supply voltage of the light source at AC at 60 Hz		
• rated value 6 V	rated value	6 V	

Inputs/ Outputs		
output voltage 1 of the lamp transformer rated value	6 V	
Connections/ Terminals		
type of electrical connection	screw-type terminals	
<ul> <li>of modules and accessories</li> </ul>	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	20 N·m	
tightening torque [lbf·in] with screw-type terminals	8 8 lbf-in	
Lamp		
type of light source	Single LED	
color of the light source	blue	
Safety related data		
touch protection against electrical shock	finger safe	
Ambient conditions		
ambient temperature		
during operation	-35 +70 °C	
during storage	-40 +85 °C	
Installation/ mounting/ dimensions		
fastening method		
<ul> <li>of modules and accessories</li> </ul>	screw-mounting	
shape of the installation opening	round	
Certificates/ approvals		
Further information		
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.		

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=US2:52BL4K5XB

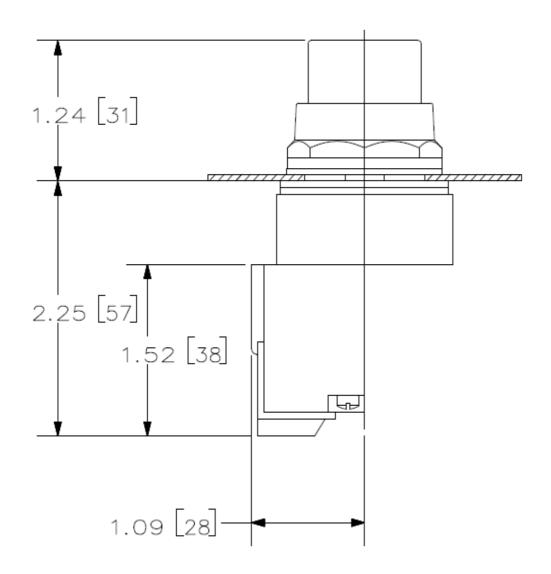
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4K5XB

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4K5XB

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BL4K5XB&lang=en





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