## SIEMENS

## Data sheet

## US2:52BL4K3



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

product brand name         Silemans Pilot Devices           design of the product         Complete Unit, Round           Dumber of command points         1           delivery state as a kit         No           Actuator         No           delivery state as a kit         No           Actuator         Indicator Light           product extension optional light source         Yes           color of the actuating element         green           anatherial of the actuating element         green           other actuating element         green           other actuating element         green           other actuating element         product component front ring         Standard           other actuating element         standard         Green           root ring         Standard         Standard           other actuating element         metal         Green           color of the front ring         Maddard         Green           other actuating element         metal         Green           color of the front ring         Madard         Green           color of the front ring         Badsy, with incandescent lamp         Green           other actuating element         Residesin         Green         Green	•	
Enclosure         1           number of command points         1           delivery state as a kit         No           Actuator         Indicator Light           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         plastic           product component front ring         Yes           design of the front ring         standard           material of the front ring         metal           color of the front ring         black           Holder         metal           Contact black/ lampholder         metal           color of lampholders         1           number of LED modules         0           General tachnical data         product component           • lamp transformer         Yes           • of the tepreating voitage         AC </th <th>product brand name</th> <th>Siemens Pilot Devices</th>	product brand name	Siemens Pilot Devices
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         green           material of the actuating element         Concentric rings           product component front ring         Ves           design of the front ring         Standard           material of the front ring         Indicator Light           product component front ring         Yes           design of the front ring         Indicator Light           material of the front ring         Indicator           material of the front ring         Indicator           material of the front ring         Indicator           material of the holder         metal           color of the front ring         Indicator           material of the holder         Indicator           material of the holder         Indicator           color of the front ring         Indicator           material of the holder         Indicator           color of the front ring         Indicator           material of the holder         Indicator           Contact block/ lampholder         Socket design	design of the product	Complete Unit, Round
delivery state as a kit     No       Actuator	Enclosure	
Actuator       Indicator Light         design of the actuating element       Yes         color of the actuating element       green         material of the actuating element       plastic         shape of the actuating element       concentric rings         Product component front ring       Yes         design of the front ring       standard         material of the front ring       black         Holder       metal         Colorable front ring       black         Holder       metal         Colarable front ring       black         Immet of the holder       metal         Colarable/kilenpholders       1         Number of LED modules       0         General tachnical data       Product component         • light source       Yes         degree of pollution       1         type of voltage       AC         • of the operating voltage       AC         • of the operating voltage       AC </th <th>number of command points</th> <th>1</th>	number of command points	1
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       product component front ring     Ves       design of the front ring     standard       material of the front ring     metal       color of the front ring     black       Holder     metal       Coltact block/ lampholder     metal       Socket design     BA 9s, with incandescent lamp       number of LED modules     0       General technical dat     Jessic       product component     Yes       e light source     Yes       of the apt transformer     Yes       e light source     Yes       e of the operating voltage     AC       e of the terminal     IP20       vibrator resistance according to IEC 60068-2-6     02000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.       represence     S       of the envinal     IP20       vibrator resistance according to IEC 60068-2-6     02000 Hz, 1.52 mm displacement (pea	delivery state as a kit	No
product extension optional light source         Yes           color of the actuating element         green           material of the actuating element         Concentric rings           shape of the actuating element         Concentric rings           product component front ring         Yes           design of the front ring         standard           material of the front ring         metal           color of the front ring         black           Holdor         metal           material of the holder         metal           color of the front ring         black           Holdor         metal           Contact block/ lampholder         metal           color of the pront ring         BA 9s, with incandescent lamp           number of LED modules         0           General technical data         0           green of pollution         1           right source         Yes           eight source         AC           of the operating voltage         AC           o	Actuator	
color of the actuating element         green           material of the actuating element         plastic           shape of the actuating element         Concentric rings           Front ring         Yes           design of the front ring         istandard           material of the front ring         intela           color of the front ring         black           Holdor         metal           Contact block/lampholder         metal           contact block/lampholder         metal           socket design         metal           number of LED modules         0           General technical data         0           Display         0           number of LED modules         0           General technical data         Product component           i light source         Yes           e light source         Yes           of the operating voltage         AC           of the operating voltage         AC           of the input voltage         C           of the input voltage	design of the actuating element	Indicator Light
material of the actuating element         plastic           shape of the actuating element         Concentric rings           Front ring         Ves           design of the front ring         standard           material of the front ring         metal           color of the front ring         metal           color of the front ring         black           Holder         metal           color of the front ring         black           Material of the holder         metal           color of the front ring         metal           color of the front ring         black           Book         black           Material of the holder         metal           color of the front ring         folon<	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           Color of the front ring         black           Holder         metal           Color of the front ring         black           Holder         metal           Colract block/ lampholder         colract block/ lampholder           socket design         BA 9s, with incandescent lamp           number of lampholders         1           Display         number of LED modules           of the operating voltage         Ves           e light source         Yes           e light source         Yes           e of the operating voltage         AC           e of the input voltage         AC           e urge voltage resistance rated value         At kV           protection class IP         IP66           e of the terminal         IP20           vibration resistance according to IEC 60068-2-6         02000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.           supupu voltage of the supply voltage of the light source	color of the actuating element	green
Front ring       Yes         design of the front ring       standard         material of the front ring       metal         color of the front ring       black         Holder       metal         Contract block/ lampholder       metal         Socket design       BA 9s, with incandescent lamp         number of lampholders       1         Display       0         General technical data       0         General technical data       0         General technical data       0         Injustic score       Yes         e laght source       Yes         e light source       Yes         of the operating voltage       AC         of the operating voltage       AC         of the terminal       IP20         vibration 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.         material sorvice life (operating cycles) typical       5         Supply voltage of the supply voltage of the light source       AC	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 front ring         black           Holder         metal           Contact block/ lampholder         metal           Socket design         BA 9s, with incandescent lamp           number of Lampholders         1           Display         0           General technical data         0           General technical data         0           for voltage         Yes           e light isource         Yes           of the operating voltage         AC           e of the operating voltage         AC           e of the terminal         IP20           vibration resistance rated value         4 kV           protection class IP         IP66           e 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.           material of the supply voltage of the light source         AC	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         color of the pholder       0         number of lampholders       1         Display       0         number of LED modules       0         General technical data       0         product component       1         i light source       Yes         of the operating voltage       AC         of the operating voltage       AC         of the input voltage       AC         surge voltage resistance rated value       4 k/V         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.         surge voltage of the supply voltage of the light source       AC         vibration resistance according to IEC 60068-2-6       0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.	Front ring	
Instant of the front ring         metal           color of the front ring         black           Holder         metal           cotor of the front ring         black           Holder         metal           Contract block/ lampholder         metal           socket design         BA 9s, with incandescent lamp           number of lampholders         1           Display         0           General technical data         0           product component         Yes           • lamp transformer         Yes           • light source         Yes           • of the operating voltage         AC           • of the input voltage         AC           • of the input voltage         AC           • of the input voltage         AC           • of the terminal         IP20           • ubration 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         5           Supply voltage         fthe suppl	product component front ring	Yes
color of the front ring         black           Holder         metal           Contact block/ lampholder         metal           contact block/ lampholder         BA 9s, with incandescent lamp           number of lampholders         1           Display         0           General technical data         0           product component         Ves           e lamp transformer         Yes           e light source         Yes           of the operating voltage         AC           of the operating voltage         AC           of the input voltage         AC           of the input voltage         AC           of the terminal         IP20           vibration resistance according to IEC 60068-2-6         0	design of the front ring	standard
Holder       metal         Contact block/ lampholder       EA 9s, with incandescent lamp         number of lampholders       1         Display       0         number of LED modules       0         General technical data       0         product component       Yes         i lamp transformer       Yes         degree of pollution       1         type of voltage       AC         of the operating voltage       AC         of the input voltage       AC         of the terminal       IP20         vibration resistance according to IEC 60068-2-6       0         vibration resistance according to IEC 60068-2-6       0         Supply voltage       5         Supply voltage       5	material of the front ring	metal
material of the holder         metal           Contact block/ lampholder         BA 9s, with incandescent lamp           number of lampholders         1           Display         0           General technical data         0           general technical data         Ves           of lamp transformer         Yes           of lamp transformer         Yes           of the operating voltage         AC           of the input voltage         AC           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.           supply voltage         5           Supply voltage         AC	color of the front ring	black
Contact block/ lampholder           socket design         BA 9s, with incandescent lamp           number of lampholders         1           Display         0           number of LED modules         0           General technical data         0           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         1 PF66           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         5           Supply voltage of the supply voltage of the light source         AC	Holder	
socket designBA 9s, with incandescent lampnumber of lampholders1Display0number of LED modules0General technical data0product componentYes• lamp transformerYes• light sourceYesdegree of pollution1type of voltageAC• of the operating voltageAC• of the input voltageAC• of the input voltageAC• of the terminalIP66• of the terminalIP20vibration resistance according to IEC 60068-2-60 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.thereadSupply voltagetype of voltageAC	material of the holder	metal
number of lampholders1Display0number of LED modules0General technical data0product component • lamp transformer • light sourceYes• light sourceYes• leght sourceYes• of the operating voltage • of the operating voltageAC• of the operating voltage • of the input voltageAC• of the operating voltage • of the input voltageIP66• of the terminalIP20vibration resistance according to IEC 60068-2-6 • of voltage0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.• Supply voltage • of voltage of the supply voltage of the light sourceAC	Contact block/ lampholder	
Display       0         number of LED modules       0         General technical data       0         product component       Ves         e lamp transformer       Yes         e light source       Yes         degree of pollution       1         type of voltage       AC         e 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       5         Supply voltage       AC	socket design	BA 9s, with incandescent lamp
number of LED modules       0         General technical data       0         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       5         Supply voltage       AC         type of voltage of the supply voltage of the light source       AC	number of lampholders	1
General technical data         product component         • lamp transformer         • lamp transformer         • light source         Yes         degree of pollution         1         type of voltage         • of the operating voltage         • of the input voltage         AC         surge voltage resistance rated value         4 kV         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         5         Supply voltage         type of voltage of the supply voltage of the light source	Display	
product component     Yes       e lamp transformer     Yes       e 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     5       Supply voltage     AC	number of LED modules	0
Imply ransformerYesImply ransformerYesImply roltage1degree of pollution1type of voltageACImply roltage resistance rated valueACsurge voltage resistance rated value4 kVprotection class IPIP66Imply roltage resistance according to IEC 60068-2-60 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.supply voltage5supply voltage of the supply voltage of the light sourceACACACACACACACSupply voltage of the supply voltage of the light sourceAC <t< td=""><td>General technical data</td><td></td></t<>	General technical data	
• light sourceYesdegree of pollution1type of voltage1• of the operating voltageAC• of the input voltageAC• of the input voltage4 kVprotection class IPIP66• of the terminalIP20vibration resistance according to IEC 60068-2-60 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.supply voltage5Supply voltage of the supply voltage of the light sourceAC	product component	
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       5         Supply voltage       AC	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       5         Supply voltage       4         type of voltage of the supply voltage of the light source       AC	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       5         Supply voltage       AC         type of voltage of the supply voltage of the light source       AC	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       5         Supply voltage       4         type of voltage of the supply voltage of the light source       AC	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       5         Supply voltage       4         type of voltage of the supply voltage of the light source       AC	<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       5         Supply voltage       AC	<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     5       Supply voltage     Vibration for supply voltage of the light source       type of voltage of the supply voltage of the light source     AC	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       5         Supply voltage       5         type of voltage of the supply voltage of the light source       AC	protection class IP	IP66
mechanical service life (operating cycles) typical     5       Supply voltage     5       type of voltage of the supply voltage of the light source     AC	of the terminal	IP20
Supply voltage     AC	vibration resistance according to IEC 60068-2-6	0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.
type of voltage of the supply voltage of the light source AC	mechanical service life (operating cycles) typical	5
	Supply voltage	
supply voltage of the light source at AC at 60 Hz	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	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	Incandescent
color of the light source	clear
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-d Siemens is working on the renewal of the current EAC certific	

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)

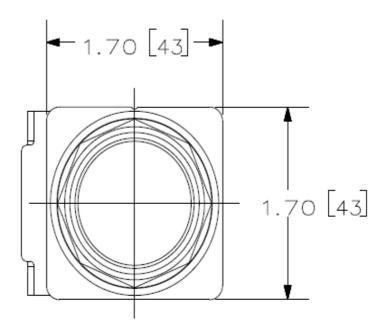
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4K3

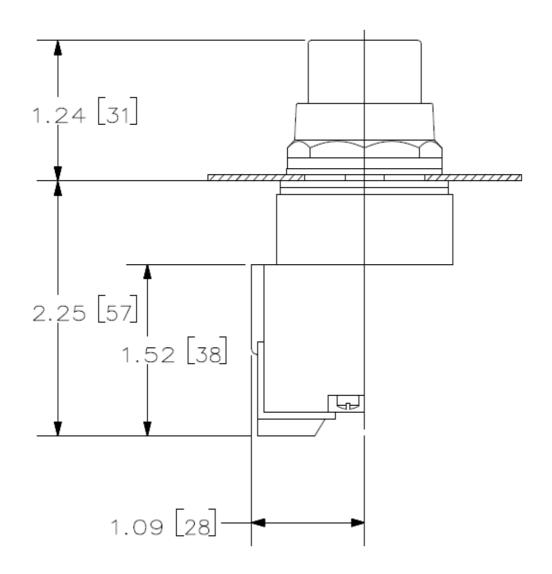
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4K3

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4K3

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BL4K3&lang=en





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