SIEMENS

Data sheet

US2:52BL4H5XB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Indicator Light Transformer type, 240V 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	 of the operating voltage 	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	 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 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	
 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	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		
 of modules and accessories 	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)

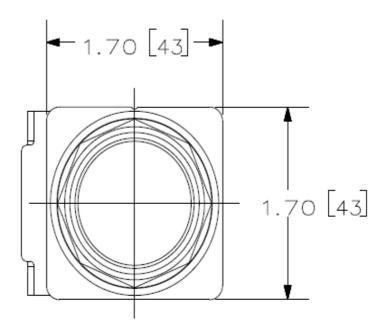
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52BL4H5XB

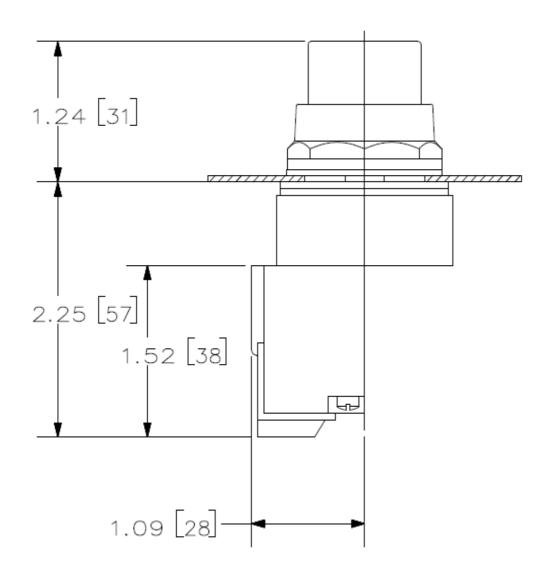
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4H5XB

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4H5XB

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4H5XB&lang=en





last modified:

5/31/2021 🖸

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens: 52BL4H5XB