## **SIEMENS**

Data sheet US2:52PL4E5XB



30mm Command/52, Chrome Finish Heavy Duty,Watertight/Oiltight Complete Metal Unit Illuminated Indicator Light Full Voltage type, 120V AC/DC LED Lamp, BA9s Plastic Lens, Blue UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

Figure similar

design of the product  Enclosure  number of command points  delivery state as a kit  No  Actuator  design of the actuating element  product extension optional light source color of the actuating element  material of the actuating element  product component front ring design of the front ring material of the front ring material of the front ring material of the holder  metal  Contact block/ lampholder  socket design  BA 9s, with single LED lamp number of LED modules  1  Cieneral technical data  product component  a lamp transformer  a lamp transformer  b light source  degree of pollution  1 type of voltage  of the operating voltage  of the operating voltage  of the properties of the Contact to peak to-peak) max/ 10g max.  mochanical service life (operating cycles) typical  wibration resistance according to IEC 60068-2-6  machanical service life (operating cycles) typical  sungul voltage  of the relingt operating cycles) typical  vibration resistance according to IEC 60068-2-6  o 2000 Hz, 1.52 mm displacement (peak-to-peak) max/ 10g max.  mochanical service life (operating cycles) typical	product brand name	Siemens Pilot Devices
number of command points 1 delivery state as a kit No  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 Concentric rings  Front ring product component front ring Standard material of the front ring metal color of the front ring metal Contact block lampholder  socket design BA 9s, with single LED lamp number of LED modules 1  Display number of LED modules 1  General technical data product component  • lamp transformer No • light source Yes degree of pollution 1  type of voltage • of the operating voltage AC/DC surge voltage resistance rated value Ak V protection class IP • of the terminal vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical	design of the product	Complete Unit, Round
delivery state as a kit  Actuator  design of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element concentric rings  Front ring  product component front ring design of the front ring material of the front ring material of the holder material of the holder material of the holder material of the holder  Concentric ring  BA 9s, with single LED lamp number of LED modules 1  General technical data product component e lamp transformer No light source degree of pollution 1  type of voltage of the input voltage AC/DC surge voltage resistance rated value 4 kV protection class IP out the food of the content of the content of the content of the peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical	Enclosure	
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 Yes  design of the front ring metal  color of the front ring metal  contact block/ lampholder  socket design BA 9s, with single LED lamp  number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer No  • light source  degree of pollution 1  type of voltage  • of the operating voltage AC/DC  surge voltage resistance rated value 4 kV  protection class IP  • of the terminal  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical	number of command points	1
design of the actuating element Indicator Light product extension optional light source 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 standard material of the front ring metal color of the front block I ampholder  socket design BA 9s, with single LED lamp number of LED modules 1  Ceneral technical data product component	delivery state as a kit	No
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element  Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the front ring material of the front ring color of the front ring material of the holder material of the holder material of the holder  socket design BA 9s, with single LED lamp number of LED modules 1  General technical data product component elight source soft holder elight source degree of pollution 1  type of voltage of the operating voltage of the input voltage surge voltage resistance rated value protection class IP of the terminal vibration resistance according to IEC 60068-2-6 pollution type of unique (poperating cycles) typical	Actuator	
color 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 standard material of the front ring metal color of the front ring metal color of the front ring metal color of the holder metal  Contact block/ lampholder  socket design BA 9s, with single LED lamp number of lampholders 1  Display number of LED modules 1  General technical data  product component elight source Yes degree of pollution 1  type of voltage of the operating voltage AC/DC surge voltage resistance rated value Ak/V 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	design of the actuating element	Indicator Light
material of the actuating element  shape of the actuating element  Concentric rings  Front ring  product component front ring	product extension optional light source	Yes
shape of the actuating element  Concentric rings  product component front ring yes standard material of the front ring metal color of the front ring chrome  Holder material of the holder metal  Contact block/ lampholder material of the holder	color of the actuating element	blue
product component front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  holder  material of the holder  material of the holder  metal  Contact block/ lampholder  socket design  number of lampholders  1  Ceneral technical data  product component  lamp transformer  light source  degree of pollution  type of voltage  of the operating voltage  of the input voltage  AC/DC  surge voltage resistance rated value  protect in fee holder  AL/DC  surge voltage resistance rated value  type of the terminal  product component  1  product component  1  type of voltage  of the input voltage  AC/DC  surge voltage resistance rated value  4 kV  protection class IP  of the terminal  product component (peak-to-peak) max./ 10g max.  mechanical service life (operating cycles) typical	material of the actuating element	plastic
product component front ring design of the front ring material of the front ring metal color of the front ring whetal color of the front ring material of the holder material of the holder material of the holder material of the holder  material of the holder  metal  Contact block/ lampholder  socket design BA 9s, with single LED lamp number of lampholders  1  Display number of LED modules 1  General technical data  product component	shape of the actuating element	Concentric rings
design of the front ring standard material of the front ring chrome  Holder color of the front ring chrome  Holder material of the holder metal  Contact block/ lampholder socket design BA 9s, with single LED lamp number of lampholders 1  Display number of LED modules 1  General technical data  product component light source Yes degree of pollution 1  type of voltage of the operating voltage AC/DC surge voltage resistance rated value AkV  protection class IP IP66 of the terminal IP20  vibration resistance according to IEC 60068-2-6 o 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 chrome  Holder  material of the holder  material of the holder  material of the holder  material of the holder  Contact block/ lampholder  socket design number of lampholders  1  Display  number of LED modules  1  General technical data  product component	product component front ring	Yes
color of the front ring chrome  Holder  material of the holder metal  Contact block/ lampholder  socket design BA 9s, with single LED lamp number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer No  • light source Yes  degree of pollution 1  type of voltage  • of the operating voltage AC/DC  surge voltage resistance rated value AkV  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 100	design of the front ring	standard
material of the holder metal  Contact block/ lampholder  socket design BA 9s, with single LED lamp  number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer No  • light source Yes  degree of pollution 1  type of voltage  • of the operating voltage AC/DC  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 100	material of the front ring	metal
material of the holder  contact block/ lampholder  socket design  number of lampholders  1  Display  number of LED modules  1  General technical data  product component  • lamp transformer  • light source  degree of pollution  1 type of voltage  • of the operating voltage  • of the input voltage  surge voltage resistance rated value  protection class IP  • of the terminal  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  BA 9s, with single LED lamp  No  AC/DC  1  Ves  AC/DC  AC/DC  Surge voltage resistance rated value  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.	color of the front ring	chrome
contact block/ lampholder  socket design number of lampholders 1  Display number of LED modules 1  General technical data product component • lamp transformer • lamp transformer • light source degree of pollution 1  type of voltage • of the operating voltage • of the input voltage surge voltage resistance rated value  protection class IP • of the terminal vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical  BA 9s, with single LED lamp  1  A 9s, with single LED lamp  1  A C/DC  A C/DC  Ves  4  AC/DC  AC/DC  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.	Holder	
socket design number of lampholders  1  Display  number of LED modules  1  General technical data  product component  • lamp transformer  • light source  degree of pollution  type of voltage  • of the operating voltage  • of the input voltage  surge voltage resistance rated value  protection class IP  • of the terminal  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  1  BA 9s, with single LED lamp  1  AC/DC	material of the holder	metal
number of lampholders  Display  number of LED modules  1  General technical data  product component  Insuransformer Insuransfo	Contact block/ lampholder	
number of LED modules  General technical data  product component  I light source  I light source  Yes  degree of pollution  type of voltage  of the operating voltage  of the input voltage  surge voltage resistance rated value  protection class IP  of the terminal  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  1  1  1  1  1  1  1  1  1  1  1  1  1	socket design	BA 9s, with single LED lamp
number of LED modules  General technical data  product component  I lamp transformer I light source Gegree of pollution  type of voltage of the operating voltage of the input voltage AC/DC surge voltage resistance rated value  protection class IP of the terminal IP20  vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical  1  No AC/DC AC/	number of lampholders	1
product component  I lamp transformer  I light source  Gegree of pollution  type of voltage  of the operating voltage  of the input voltage  surge voltage resistance rated value  protection class IP  of the terminal  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  No  AC/DC  AC/DC  AC/DC  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.	Display	
product component  Important light source Ilight source Il	number of LED modules	1
<ul> <li>lamp transformer</li> <li>light source</li> <li>Yes</li> <li>degree of pollution</li> <li>type of voltage <ul> <li>of the operating voltage</li> <li>of the input voltage</li> <li>AC/DC</li> </ul> </li> <li>surge voltage resistance rated value</li> <li>4 kV</li> <li>protection class IP</li> <li>of the terminal</li> <li>IP20</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>o 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.</li> <li>mechanical service life (operating cycles) typical</li> </ul>	General technical data	
<ul> <li>light source</li> <li>degree of pollution</li> <li>type of voltage</li> <li>of the operating voltage</li> <li>of the input voltage</li> <li>AC/DC</li> <li>surge voltage resistance rated value</li> <li>4 kV</li> <li>protection class IP</li> <li>of the terminal</li> <li>iP20</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.</li> <li>mechanical service life (operating cycles) typical</li> <li>100</li> </ul>	product component	
degree of pollution  type of voltage  of the operating voltage  of the input voltage  AC/DC  surge voltage resistance rated value  protection class IP  of the terminal  IP20  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  1  AC/DC  4 kV  IP66  IP66  O 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.	<ul> <li>lamp transformer</li> </ul>	No
type of voltage  of the operating voltage AC/DC  of the input voltage AC/DC  surge voltage resistance rated value 4 kV  protection class IP of the terminal IP20  vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical  AC/DC  1 kV  1 P66 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.	• light source	Yes
of the operating voltage of the input voltage AC/DC surge voltage resistance rated value  4 kV  protection class IP of the terminal IP20  vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical  AC/DC  AC/DC  IP66  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.	degree of pollution	1
● of the input voltage  surge voltage resistance rated value  4 kV  protection class IP  ● of the terminal  IP20  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  AC/DC  4 kV  IP66  ○ or the terminal  IP20  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.  100	type of voltage	
surge voltage resistance rated value  protection class IP  of the terminal  IP20  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  4 kV  IP66  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.  100	<ul> <li>of the operating voltage</li> </ul>	AC/DC
protection class IP  of the terminal  IP20  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  IP66  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.  100	of the input voltage	AC/DC
● 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	surge voltage resistance rated value	4 kV
vibration resistance according to IEC 60068-2-60 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.mechanical service life (operating cycles) typical100	protection class IP	IP66
mechanical service life (operating cycles) typical 100	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	mechanical service life (operating cycles) typical	100
- Cuppij Tokugo	Supply voltage	
type of voltage of the supply voltage of the light source AC/DC	type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC at 60 Hz	supply voltage of the light source at AC at 60 Hz	

• rated value	120 V
supply voltage of the light source at DC	
rated value	120 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 at 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	
<ul> <li>during operation</li> </ul>	-35 +70 °C
<ul> <li>during storage</li> </ul>	-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.

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=US2:52PL4E5XB

Cax online generator

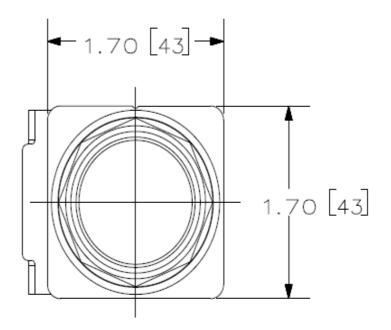
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52PL4E5XB

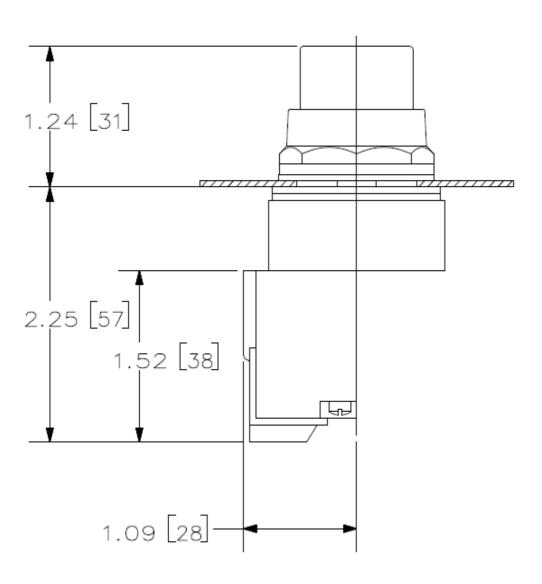
 ${\bf Service \& Support\ (Manuals,\ Certificates,\ Characteristics,\ FAQs,...)}$ 

https://support.industry.siemens.com/cs/ww/en/ps/US2:52PL4E5X

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52PL4E5XB&lang=en





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