## **SIEMENS**

Data sheet US2:52PL4D3XB



30mm Command/52, Chrome Finish Heavy Duty, Watertight/Oiltight Complete Metal Unit Illuminated Indicator Light Full Voltage type, 24V AC/DC LED Lamp, BA9s Plastic Lens, Green UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

design of the product  Enclosuro  number of command points delivery state as a kit  Actuator  design of the actuating element product extension optional light source color of the actuating element shape of the actuating element concentric rings  Front ring  product component front ring design of the front ring color of the front ring material of the holder material of the holder material of the holder  contact block/ lampholder socket design number of LED modules 1  General technical data  product component element element element element element  No elight source degree of pollution type of voltage e of the input voltage soft the terminal vibration resistance according to IEC 60068-2-6 metal No early Contact block read value protection class IP elefe element	product brand name	Siemens Pilot Devices	
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 shape of the actuating element shape of the actuating element concentric rings  Front ring  product component front ring design of the front ring design of the front ring material of the ront ring design of the front ring material 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  material of the holder  material of the holder  material of the holder  material of the holder  material of the holder  material of the holder  socket design number of lampholders  1  Display  number of LED modules 1  Ceneral technical data  product component elight source fegree of pollution to providage of the operating voltage of the operating voltage of the input voltage of the terminal voltage resistance rated value protection class IP of the terminal voltage iffe (operating cycles) typical operating voltage of the doll rated value elife (operating cycles) typical operating voltage of the doll rated value elife (operating cycles) typical operating voltage of the doll rated value elife (operating cycles) typical operating voltage of the doll rated value elife (operating cycles) typical operating voltage of the doll rated value elife (operating cycles) typical operating voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rated value of the terminal voltage of the doll rate v	design of the product	Complete Unit, Round	
design of the actuating element product extension optional light source color of the actuating element green material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic concentric rings  Front ring  product component front ring yes design of the front ring material of the front ring metal color of the front ring 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 yes degree of pollution type of voltage of the input voltage AC/DC surge voltage resistance rated value protection class IP IP20 yes of the terminal voltage when the first place in the contact of the preating voltage of the terminal voltage when the first place in the contact of the contact	Enclosure		
Actuator   design of the actuating element   Indicator Light   product extension optional light source   Yes   Color of the actuating element   green   plastic   plastic   shape of the actuating element   plastic	number of command points	1	
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 shape of the actuating element concentric rings  Front ring  product component front ring design 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  metal  Contact block/ lampholders  socket design number of lampholders  1  Display  number of LED modules  1  General technical data  product component	delivery state as a kit	No	
product extension optional light source color of the actuating element green material of the actuating element plastic shape of the actuating element Concentric rings  Front ring  product component front ring 4 Yes design of the front ring metal color of the front ring metal of the front ring metal color of the front ring metal color of the front ring metal of the holder Contact block/ lampholder material of the holder material of the holder Martina place of lampholder Inumber of LED modules 1  Display  number of LED modules 1  General technical data  product component   Inumper of LED modules   Inumper of LED mod	·		
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 color of the front ring material of the front ring material of the front ring color of the front ring metal contact block/ lampholder  socket design number of lampholders    Display	design of the actuating element	Indicator Light	
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 material of the front ring color of the front ring material of the holder  metal  Contact block/ lampholder  socket design number of lampholders  1  Display  number of LED modules  1  General technical data  product component elight source degree of pollution type of voltage of the input voltage surge voltage resistance rated value protection class IP operating voltage of the terminal vibration resistance according to IEC 60068-2-6 mechanical service life (operating voltage of the terminal voltage residence of pollution voltage resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical operating voltage of the Izrated value  of the Jz zem displacement (peak-to-peak) max./ 10g max. mechanical service life (operating cycles) typical operating voltage of the Izrated value  of the Jz zem displacement (peak-to-peak) max./ 10g max.	product extension optional light source	Yes	
shape of the actuating element  Concentric rings  Front ring  product component front ring design of the front ring material of the front ring metal color of the front ring metal chrome  Holder  material of the holder  material of the holder  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    alamp transformer No	color of the actuating element	green	
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 metal color of the front ring metal chrome  Holder  material of the holder  material of the holder  material of the holder  material of the holder  Socket design number of lampholders  1  Display  number of LED modules  1  General technical data  product component   liamp transformer   No     light source   Yes     degree of pollution   1     type of voltage     of the operating voltage   AC/DC     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 operating voltage     of that of the terminal     vibration resistance according to IEC 60068-2-6     mechanical service life (operating cycles) typical operating voltage     of at AC at 60 Hz rated value	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 chrome  Holder  material of the holder  metal  Contact block/ lampholders  socket design BA 9s, with single LED lamp  number of lampholders  1  General technical data  product component  lamp transformer  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  operating voltage  at AC at 60 Hz rated value  24 28 V	shape of the actuating element	Concentric rings	
design of the front ring material of the front ring color of the front ring color of the front ring chrome  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	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  socket design number of lampholders  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   No   West	design of the front ring	standard	
material of the holder metal  Contact block/ lampholder  socket design number of lampholders 1  Display  number of LED modules 1  General technical data  product component	material of the front ring	metal	
material of the holder  Contact block/ lampholder  socket design number of lampholders  Display  number of LED modules  1  General technical data  product component	color of the front ring	chrome	
Socket design number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer No  • liight source Yes degree of pollution 1  type of voltage  • of the operating voltage AC/DC  surge voltage resistance rated value protection class IP IP66  • of the terminal IP20  vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical operating voltage  • at AC at 60 Hz rated value 24 28 V	Holder		
socket design 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 protection class IP  • of the terminal Vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical operating voltage  • at AC at 60 Hz rated value 24 28 V	material of the holder	metal	
number of lampholders  number of LED modules  1  General technical data  product component  I lamp transformer I light source Gegree of pollution I type of voltage  Of the operating voltage I 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 operating voltage  At AC at 60 Hz rated value  1  1  1  1  1  1  1  1  1  1  1  1  1	Contact block/ lampholder		
number of LED modules  General technical data  product component  I amp 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  operating voltage  Outcome  1  AC/DC	socket design	BA 9s, with single LED lamp	
number of LED modules  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 operating voltage • at AC at 60 Hz rated value  1  AC/DC  AC/	number of lampholders	1	
product component    lamp transformer	Display		
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  operating voltage  • at AC at 60 Hz rated value  1 No  No  Yes  AC/DC  AC/DC  AC/DC  4 kV  IP66  IP20  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.  100  100  100	number of LED modules	1	
<ul> <li>lamp transformer</li> <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>protection class IP</li> <li>of the terminal</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>mechanical service life (operating cycles) typical</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> <li>Yes</li> <li>AC/DC</li> <li>AC/DC</li> <li>AC/DC</li> <li>AC/DC</li> <li>IP66</li> <li>IP66</li> <li>IP20</li> <li>IP20&lt;</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>protection class IP</li> <li>of the terminal</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>mechanical service life (operating cycles) typical</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> </ul> Yes AC/DC AC/DC 4 kV IP66 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. 100 24 28 V	product component		
degree of pollution type of voltage  of the operating voltage for the input voltage AC/DC surge voltage resistance rated value protection class IP for the terminal vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical operating voltage at AC at 60 Hz rated value  1  AC/DC AC/DC  4 kV IP66 IP66 IP20  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. 100  100 100 100 100 100 100 100 100 1	<ul> <li>lamp transformer</li> </ul>	No	
type of voltage	• light source	Yes	
<ul> <li>of the operating voltage</li> <li>of the input voltage</li> <li>AC/DC</li> <li>surge voltage resistance rated value</li> <li>protection class IP</li> <li>of the terminal</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>mechanical service life (operating cycles) typical</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> </ul> AC/DC AC/DC AC/DC AC/DC AC/DC AC/DC AC/DC AC/DC 4 kV IP66 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. 100 Operating voltage at AC at 60 Hz rated value 24 28 V	degree of pollution	1	
<ul> <li>of the input voltage</li> <li>surge voltage resistance rated value</li> <li>protection class IP</li> <li>of the terminal</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>mechanical service life (operating cycles) typical</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> </ul> AC/DC 4 kV IP66 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. 100 24 28 V	type of 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  operating voltage  of at AC at 60 Hz rated value  4 kV  IP66  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.  100  24 28 V	<ul> <li>of the operating voltage</li> </ul>	AC/DC	
protection class IP	<ul> <li>of the input voltage</li> </ul>	AC/DC	
<ul> <li>of the terminal</li> <li>vibration resistance according to IEC 60068-2-6</li> <li>mechanical service life (operating cycles) typical</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> <li>IP20</li> <li> 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.</li> <li>100</li> <li>24 28 V</li> </ul>	surge voltage resistance rated value	4 kV	
vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical operating voltage  • at AC at 60 Hz rated value  0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.  100  24 28 V	protection class IP	IP66	
mechanical service life (operating cycles) typical  operating voltage  • at AC at 60 Hz rated value  100  24 28 V	<ul><li>of the terminal</li></ul>	IP20	
operating voltage  ● at AC at 60 Hz rated value 24 28 V	vibration resistance according to IEC 60068-2-6	0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.	
• at AC at 60 Hz rated value 24 28 V	mechanical service life (operating cycles) typical	100	
	operating voltage		
a at DC rated value 24 28 V	<ul> <li>at AC at 60 Hz rated value</li> </ul>	24 28 V	
♥ at DO lated value	<ul> <li>at DC rated value</li> </ul>	24 28 V	

Supply voltage	
type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC at 60 Hz	
rated value	28 24 V
supply voltage of the light source at DC	
rated value	28 24 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	green
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	

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=US2:52PL4D3XB

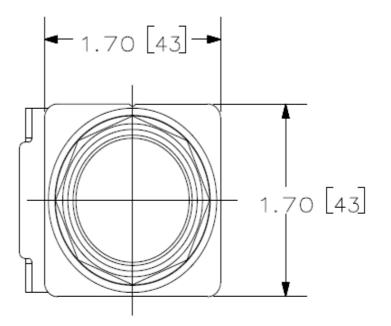
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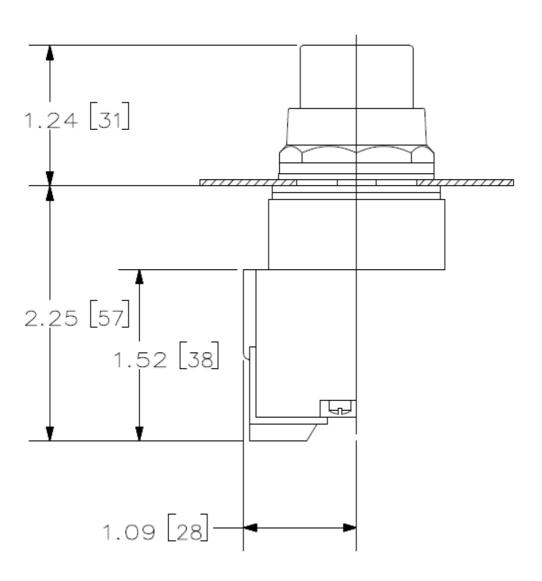
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52PL4D3XB

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52PL4D3XB

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52PL4D3XB&lang=en





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