## SIEMENS

## Data sheet

## US2:52BL5EBXB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Indicator Light Full Voltage type, 120V AC/DC LED Lamp, BA9s Glass Lens, White UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

product brand name         Siemens Pilot Devices           design of the product         Complete Unit, Round           Faciosure         Indicator Light           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         white           material of the actuating element         yes           color of the actuating element         glass           shape of the actuating element         glass           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           biolar         metal           Contact block/ lampholder         1           color of LED modules         1           of the product component         No           unmber of LED modules         1           Orlact block/ lampholders         1           of the product component         No           ight source         Yes           degree of pollution <th>· ·</th> <th></th>	· ·	
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         white           material of the actuating element         glass           shape of the actuating element         glass           product component front ring         Yes           design of the front ring         standard           material of the holder         metal           color of the front ring         black           Holder         metal           color of the front ring         BA 9s, with single LED lamp           number of LED modules         1           number of LED modules         1           General tachnical data         Product component           e light source         Yes           dedegre of the operating voltage         AC/DC           surge voltage resistance actored value         4kV           product component         In           e of the operating voltage         AC/DC           e of the operating voltage         AC/DC <tr< th=""><th>product brand name</th><th>Siemens Pilot Devices</th></tr<>	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         white           material of the actuating element         glass           product component front ring         Yes           design of the front ring         metal           color of the front ring         black           Holder         metal           colar of the front ring         black           Holder         metal           colar of the/killampholder         socket design           number of LED modules         1           general technical data         product component           elight source         Yes           degree of pollution         1           type of voltage         AC/DC           e of the operating voltage         AC/DC           e of the input voltage <td< th=""><th>design of the product</th><th>Complete Unit, Round</th></td<>	design of the product	Complete Unit, Round
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     glass       shape of the actuating element     glass       product component front ring     Yes       design 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 front ring     BA 9s, with single LED lamp       number of LED modules     1       Display     1       number of LED modules     1       General technical data     product component       • lamp transformer     No       • light source     Yes       • of the operating voltage     AC/DC       • of the input voltage     AC/DC       • of the input voltage     AC/DC       • of the input voltage     02000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.       mochanical service life (operating cycles) typical<	Enclosure	
Actuator       Indicator Light         product extension optional light source       Yes         color of the actuating element       white         material of the actuating element       Goncentric rings         Front ring       Image: Standard	number of command points	1
design of the actuating element       Indicator Light         product extension optional light source       Yes         color of the actuating element       white         material of the actuating element       glass         shape of the actuating element       glass         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 block/ lampholder       socket design         number of LED modules       1         Obsplay       1         number of LED modules       1         General technical data       Product component         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the input voltage       AC/DC         • of the input voltage       AC/DC         • o	delivery state as a kit	No
product extension optional light source         Yes           color of the actuating element         white           material of the actuating element         glass           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           Holder         metal           color of the front ring         black           Holder         metal           color of the holder         metal           control to front fring         black           Holder         metal           control to front fring         black           Holder         metal           control to funpholders         1           Socket design         number of LED modules           1         formation           ceneral technical data         product component <ul> <li>e) any transformer</li> <li>No</li> <li>e) dight source</li> <li>Yes</li> <li>degree of pollution</li> <li>1</li> <li>type of voltage</li> <li>e) of the input voltage</li> <li>AC/DC</li> <li>surge voltage resistance according to IEC 60068-2-6</li> <li> 2000 Hz, 1.52 m</li></ul>	Actuator	
color of the actualing element     white       material of the actualing element     glass       front ring     Yes       product component front ring     Standard       material of the front ring     standard       material of the front ring     black       Holder     metal       color of the front ring     black       Holder     metal       Contract block/lampholder     color of the holder       contract block/lampholders     1       Olsplay     1       number of LED modules     1       General technical data     product component       e light source     Yes       degree of pollution     1       type of voltage     AC/DC       e of the operating voltage     AC/DC       e of the terminal     IP20       vibration resistance according to IEC 60068-2-6     0 2000 Hz, 152 mm displacement (peak-to-peak) max / 10g max.       methanical service iffe (operating cycles) typical     50       Supply voltage of the light source AC/DC     Supply voltage of the light source AC/DC       supply voltage of the light source AC/DC     Supply voltage of the light source AC/DC	design of the actuating element	Indicator Light
material of the actuating element     glass       shape of the actuating element     Concentric rings       Front ring     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       color of the front ring     black       Motare     metal       contract block/ lampholder     metal       contact block/ lampholder     1       contract block/ lampholder     1       general technical data     1       product component     0       elight source     Yes       degree of pollution     1       type of voltage     AC/DC       e of the einput voltage     AC/DC       e of the terminal     IP20       vibration resistance according to IEC 60068-2-6     0       output voltage     50       Supply voltage of the light source     AC/DC       supply voltage of the light source     AC/DC       supply voltage of the light source     AC/DC	product extension optional light source	Yes
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       Holder     metal       material of the holder     metal       Contact block/ lampholder     good the single LED lamp       number of lampholders     1       Display     Interface       number of LED modules     1       General technical data     Interface       product component     No       e light source     Yes       degree of pollution     1       type of voltage     AC/DC       e of the input voltage     AC/DC       e of the input voltage     AC/DC       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       Supply voltage     Go/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	color of the actuating element	white
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       socket design         socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       1         number of LED modules       1         General technical data       product component         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • 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 service life (operating cycles) typical       50         Supply voltage       Your of 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. <t< th=""><th>material of the actuating element</th><th>glass</th></t<>	material of the actuating element	glass
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         color of the holder       metal         Contact block/ lampholder       socket design         socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       number of LED modules         mumber of LED modules       1         General technical data       Product component         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • 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.         mechanical service life (operating cycles) typical       50         Supply voltage       Ype of voltage of the supply voltage of the light source         Vi	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 LED modules       1         Display       number of LED modules         number of LED modules       1         General technical data       Product component         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the terminal       IP20         vibration resistance ated value       4 kV         iP20       youtage         • 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       50         Supply voltage       type of voltage of the light source         type of voltage of the light source at AC at 60 Hz       AC/DC	Front ring	
material of the front ring       metal         color of the front ring       black         Holder       metal         contact block/ lampholder       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       •         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         Supply voltage of the light source at AC at 60 Hz       AC/DC	product component front ring	Yes
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         real description       1         General technical data       real         product component       No         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the toput 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       50         Supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	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       1         product component       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         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       50         Supply voltage       AC/DC         supply voltage of the light source       AC/DC	material of the front ring	metal
material of the holder         metal           Contact block/ lampholder         BA 9s, with single LED lamp           socket design         BA 9s, with single LED lamp           number of lampholders         1           Display         Image: Contact block/lampholder           number of LED modules         1           General technical data         Image: Contact block/lampholder           product component         Image: Contact block/lampholder           I alamp transformer         No           I alamp transformer         No           I alamp transformer         Yes           degree of pollution         1           type of voltage         AC/DC           of the operating voltage         AC/DC           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         50           Supply voltage         AC/DC           supply voltage of the light source         AC/DC	color of the front ring	black
Contact block/ lampholder           socket design         BA 9s, with single LED lamp           number of lampholders         1           Display         1           Oddersal technical data         1           general technical data         1           product component         No           e light source         Yes           degree of pollution         1           type of voltage         AC/DC           e of the operating voltage         AC/DC           surge voltage 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.           supply voltage         50           Supply voltage of the supply voltage of the light source at AC at 60 Hz	Holder	
socket design       BA 9s, with single LED lamp         number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         general technical data       1         product component       No         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         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       50         Supply voltage       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       AC/DC	material of the holder	metal
number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       Image: Component         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         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       50         Supply voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	Contact block/ lampholder	
Display         number of LED modules       1         General technical data       product component                i lamp transformer       No                i light source       Yes         degree of pollution       1         type of voltage       AC/DC                • of the operating voltage       AC/DC         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       50         Supply voltage       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       AC/DC	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         Yes         degree of pollution         1         type of voltage         • of the operating voltage         • 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         0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.         mechanical service life (operating cycles) typical         50         Supply voltage         type of voltage of the light source         AC/DC	Display	
product component       Iamp transformer         Iamp transformer       No         Iight source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         Supply voltage       50         supply voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	number of LED modules	1
• lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         Supply voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	General technical data	
• light source       Yes         degree of pollution       1         type of voltage       1         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         supply voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	product component	
degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         Supply voltage of the supply voltage of the light source       AC/DC         type of voltage of the light source at AC at 60 Hz       AC/DC	lamp transformer	No
type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         Supply voltage       50         type of voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	light source	Yes
• of the operating voltage       AC/DC         • of the input voltage       AC/DC         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       50         Supply voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	degree of pollution	1
• of the input voltage       AC/DC         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       50         Supply voltage       50         type of voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	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       50         Supply voltage       50         type of voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	<ul> <li>of the operating voltage</li> </ul>	AC/DC
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       50         Supply voltage       50         type of voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	<ul> <li>of the input voltage</li> </ul>	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     50       Supply voltage     50       type of voltage of the supply voltage of the light source     AC/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	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       50         Supply voltage       50         type of voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	protection class IP	IP66
mechanical service life (operating cycles) typical     50       Supply voltage     50       type of voltage of the supply voltage of the light source     AC/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	of the terminal	IP20
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       AC/DC	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/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	mechanical service life (operating cycles) typical	50
supply voltage of the light source at AC at 60 Hz	Supply voltage	
	type of voltage of the supply voltage of the light source	AC/DC
rated value     120 V	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 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	white	
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.

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=US2:52BL5EBXB

Cax online generator

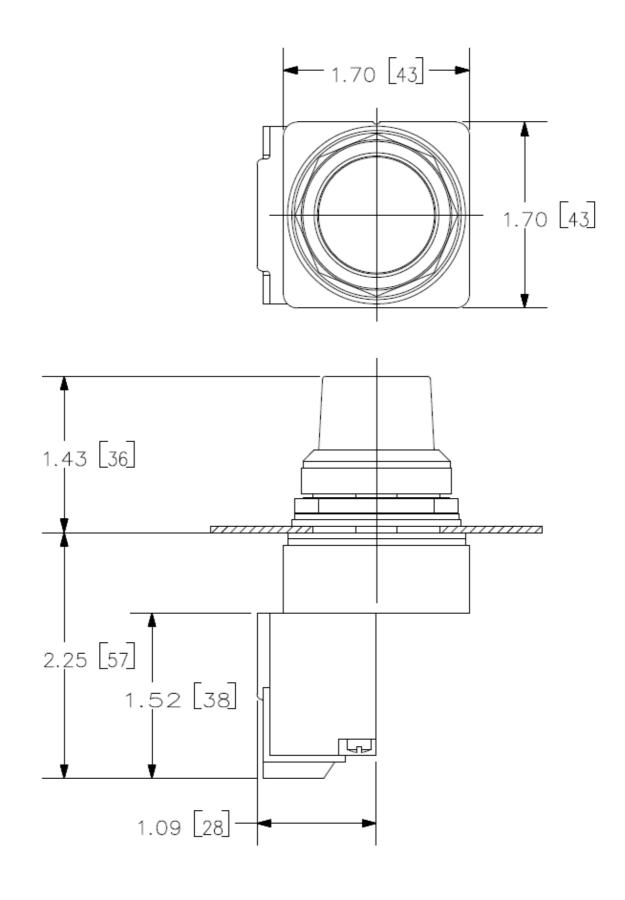
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL5EBXB

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL5EBXB

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BL5EBXB&lang=en



last modified:

12/21/2020 🖸