SIEMENS

Data sheet   **US2:52BL4BAXB**

30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Indicator Light Full Voltage type, 6V AC/DC LED Lamp, BA9s Plastic Lens, Clear 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
Enclosure	
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	clear
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	standard
material of the front ring	metal
color of the front ring	black
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
● 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
operating voltage	
● at AC at 60 Hz rated value	6 ... 8 V
● at DC rated value	6 ... 8 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	8 ... 6 V
supply voltage of the light source at DC	
● rated value	8 ... 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	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	
● 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.
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=US2:52BL4BAXB
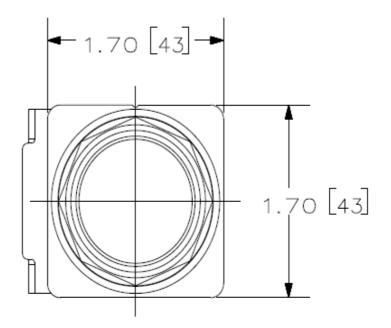**Cax online generator**
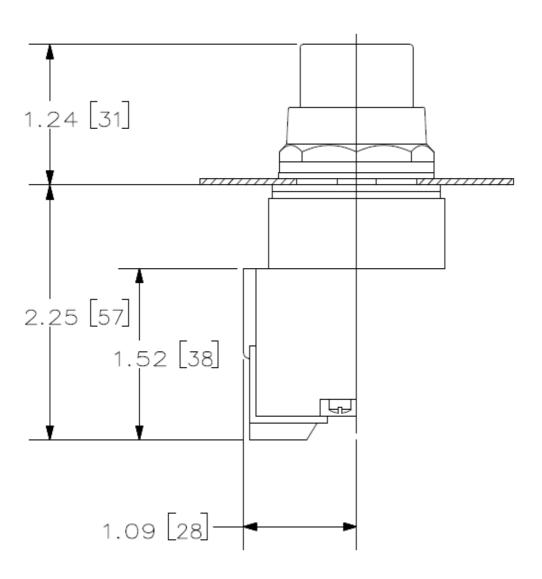http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BL4BAXB
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
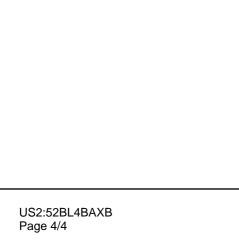https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4BAXB
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4BAXB&lang=en

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