SIEMENS

Data sheet US2:52BL4B2XY



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Indicator Light Full Voltage type, 6V AC/DC Super Bright LED Lamp, BA9s Plastic Lens, Red 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	red		
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 cluster LED lamp		
number of lampholders	1		
Display			
number of LED modules	4		
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	100		
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	Cluster LED		
color of the light source	red		
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).

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=US2:52BL4B2XY

Cax online generator

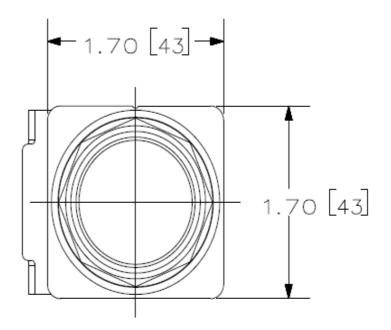
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=US2:52BL4B2XY}}$

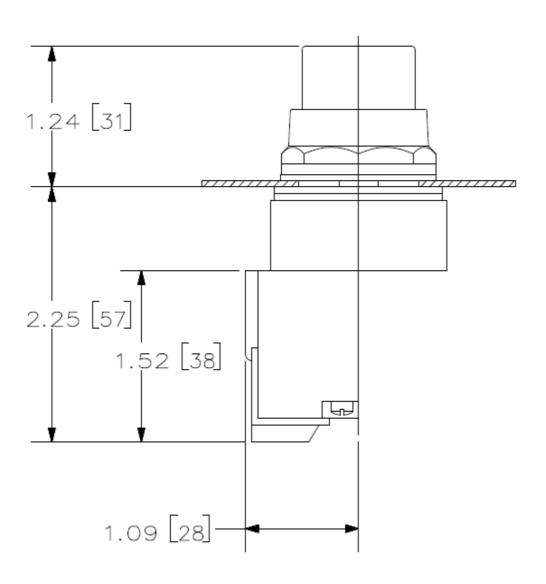
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BL4B2X

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BL4B2XY&lang=en





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