## **SIEMENS**

Data sheet US2:52BP3BR



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Push-Pull Operator Full Voltage, 6V AC/DC Incandescent Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Plastic, Red 3 Position Momentary UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

Institute   Inst	design of the product	Actuator round
delivery state as a kit  Actuator  product extension optional light source material of the actuating element type of unlocking device number of switching positions  Front ring product component front ring design of the front ring standard material of the front ring color of the front ring whetal color of the front ring standard material of the holder  Contact block/ lampholder socket design BA 9s with lamp number of LED modules  Concact tochnical data product component   lamp transformer   No   light source   Yes   degree of pollution   1   type of voltage   AC/DC   surge voltage resistance rated value   4 kV   protection class IP   IP66   protection class IP   IP66   voltage   Voltage     at AC at 60 Hz rated value   6 8 V   Supply voltage     at C at color at toch calculate   4 kV   Supply voltage     at C at 60 Hz rated value   6 8 V   Supply voltage     at C at color at color at the calculate   6 8 V   Supply voltage     at C at 60 Hz rated value   6 8 V   Supply voltage     at C at 60 Hz rated value   6 8 V	Enclosure	
Actuator product extension optional light source material of the actuating element type of unlocking device number of switching positions 3 Front ring product component front ring design of the front ring material of the holder  Metal Contact block/ lampholder socket design number of lampholders 1 Display number of LED modules General technical data product component elight source degree of pollution type of voltage of the input voltage of the input voltage surge voltage resistance rated value e at AC at 60 Hz rated value at CC rated value  6 8 V Supply voltage	number of command points	1
product extension optional light source yes material of the actuating element type of unlocking device without number of switching positions 3  Front ring yes design of the front ring yes design of the front ring material of the front ring material of the front ring black holder waterial of the holder black holder waterial of the holder black holder blac	delivery state as a kit	No
material of the actuating element type of unlocking device number of switching positions 3  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 Metal Contact block/ lampholder socket design number of LED modules 0 General technical data product component elight source sold positions elight source yes degree of pollution type of voltage of the operating voltage surge voltage resistance rated value e at AC at 60 Hz rated value at AC at Cor Hz rated value	Actuator	
type of unlocking device number of switching positions 3 Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder material of the holder Metal Contact block/ lampholder socket design number of lampholders 1 Display number of LED modules 0 General technical data product component elight source yes degree of pollution 1 type of voltage of the operating voltage of the operating voltage rotection class IP protection class IP protection class IP protection class IP of the terminal protection voltage of at AC at 60 Hz rated value of at AC at 60 Hz rated value of the operating voltage of the depart of the contact value of at AC at 60 Hz rated value of the AC of the contact value of the AC of the value of the AC of the value of the AC of the terminal operating voltage of at AC at 60 Hz rated value of the AC of the value	product extension optional light source	Yes
number of switching positions  Front ring  product component front ring  design of the front ring material of the front ring material of the front ring  black  Holder  material of the holder  Contact block/ lampholder  socket design number of lampholders  1  Display  number of LED modules  General technical data  product component   liamp transformer   No     light source   Yes     degree of pollution   1  type of 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     Weight     operating voltage     of the 12 rated value   6 8 V     of 12 rated value   6 8 V     of 12 rated value   6 8 V     of 12 rated value   6 8 V     operating voltage     of LED modules     of LED modules   0     operating voltage     of the component   0     operating voltage     of the design   1     operating voltage     operating voltage     operating voltage     of the design   1     operating voltage     operating	material of the actuating element	plastic
Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder  material of the holder  Metal  Contact block/ lampholder  socket design  number of lampholders  1  Display  number of LED modules  General technical data  product component  • lamp transformer  • light source  degree of pollution  1 type of voltage  • of the operating voltage  surge voltage resistance rated value  protection class IP protection class IP protection class IP protection class IP of the terminal  Weight  operating voltage  • at AC at 60 Hz rated value  • at DC rated value  • at AC at 60 Hz rated value	type of unlocking device	without
product component front ring  design of the front ring material of the front ring material of the front ring  black  Holder  material of the holder  Contact block/ lampholder  socket design number of lampholders  1  Display number of LED modules  General technical data  product component	number of switching positions	3
design of the front ring material of the front ring color of the front ring black  Metal  Contact block/ lampholder  socket design number of lampholders  1  Display  number of LED modules  o  General technical data  product component	Front ring	
material of the front ring black  Holder  material of the holder  Metal  Contact block/ lampholder  socket design BA 9s with lamp number of lampholders 1  Display number of LED modules 0  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 IP20  Weight Occupance Supply voltage   of at AC at 60 Hz rated value Ac MS V  supply voltage   of the jour voltage Ac MS V   of the jour voltage Ac MS V   of the jour voltage Ac Ac MS V   of the jour voltage Ac Ac MS V   of the jour voltage Ac	product component front ring	Yes
color of the front ring black  Holder  material of the holder Metal  Contact block/ lampholder  socket design BA 9s with lamp number of lampholders 1  Display  number of LED modules 0  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 IP66  protection class IP of the terminal IP20  Weight 0.23 kg  operating voltage • at AC at 60 Hz rated value 6 8 V  • at DC rated value 6 8 V  Supply voltage	design of the front ring	standard
Holder material of the holder  Contact block/ lampholder  socket design number of lampholders  1  Display number of LED modules 0  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 protection class IP of the terminal Weight Operating voltage • at AC at 60 Hz rated value • at AC at counce • at	material of the front ring	metal
material of the holder  Contact block/ lampholder  socket design  number of lampholders  1  Display  number of LED modules  General technical data  product component  • lamp transformer • light source • gere of pollution type of voltage • of the operating voltage • of the input voltage  surge voltage resistance rated value protection class IP of the terminal  Weight  Weight  • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at AC at do Hz rated value • at DC rated value	color of the front ring	black
Contact block/ lampholder  socket design  number of lampholders  1  Display  number of LED modules  0  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  Weight  operating voltage  • at AC at 60 Hz rated value  • at DC rated value	Holder	
socket design number of lampholders  Display  number of LED modules  0  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 rated value  protection class IP of the terminal Weight 0.23 kg  operating voltage • at AC at 60 Hz rated value • at DC rated value • 6 8 V  Supply voltage	material of the holder	Metal
number of lampholders 1  Display  number of LED modules 0  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  protection class IP of the terminal IP20  Weight 0.23 kg  operating voltage  • at AC at 60 Hz rated value 6 8 V  • at DC rated value 6 8 V  Supply voltage	Contact block/ lampholder	
number of LED modules  General technical data  product component	socket design	BA 9s with lamp
number of LED modules  General technical data  product component	number of lampholders	1
Product component   Prod	Display	
product component  • lamp transformer  • light source  degree of pollution  type of voltage  • of the operating voltage  • of the input voltage  • of the input voltage  AC/DC  surge voltage resistance rated value  4 kV  protection class IP  IP66  protection class IP of the terminal  IP20  Weight  0.23 kg  operating voltage  • at AC at 60 Hz rated value  • at DC rated value  6 8 V  Supply voltage	number of LED modules	0
<ul> <li>lamp transformer</li> <li>light source</li> <li>Yes</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>IP66</li> <li>protection class IP of the terminal</li> <li>IP20</li> <li>Weight</li> <li>0.23 kg</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> <li>6 8 V</li> <li>at DC rated value</li> <li>6 8 V</li> <li>Supply voltage</li> </ul>	General technical data	
● light source  degree of pollution  type of voltage  ● of the operating voltage  ● of the input voltage  AC/DC  surge voltage resistance rated value  protection class IP  IP66  protection class IP of the terminal  IP20  Weight  Operating voltage  ● at AC at 60 Hz rated value  ● at DC rated value  6 8 V  Supply voltage	product component	
degree of pollution  type of voltage  of the operating voltage AC/DC  of the input voltage AC/DC  surge voltage resistance rated value  protection class IP  protection class IP of the terminal IP20  Weight O23 kg  operating voltage at AC at 60 Hz rated value AC/DC  surge voltage AC/DC  4 kV  protection class IP  IP66  D20  Weight O.23 kg  operating voltage  at AC at 60 Hz rated value AC A	<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 IP66  protection class IP of the terminal IP20  Weight 0.23 kg  operating voltage  o at AC at 60 Hz rated value at DC rated value 6 8 V  Supply 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>4 kV</li> <li>protection class IP</li> <li>protection class IP of the terminal</li> <li>IP20</li> <li>Weight</li> <li>0.23 kg</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> <li>at DC rated value</li> <li>6 8 V</li> <li>supply voltage</li> </ul>	degree of pollution	1
<ul> <li>of the input voltage</li> <li>surge voltage resistance rated value</li> <li>4 kV</li> <li>protection class IP</li> <li>IP66</li> <li>protection class IP of the terminal</li> <li>IP20</li> <li>Weight</li> <li>0.23 kg</li> <li>operating voltage</li> <li>at AC at 60 Hz rated value</li> <li>at DC rated value</li> <li>6 8 V</li> <li>supply voltage</li> </ul>	type of voltage	
surge voltage resistance rated value  protection class IP  protection class IP of the terminal  IP20  Weight  O.23 kg  operating voltage  • at AC at 60 Hz rated value • at DC rated value  Supply voltage	<ul> <li>of the operating voltage</li> </ul>	AC/DC
protection class IP IP66 protection class IP of the terminal IP20 Weight 0.23 kg operating voltage  • at AC at 60 Hz rated value 6 8 V • at DC rated value 6 8 V Supply voltage	of the input voltage	AC/DC
protection class IP of the terminal IP20  Weight 0.23 kg  operating voltage  • at AC at 60 Hz rated value 6 8 V  • at DC rated value 6 8 V  Supply voltage	surge voltage resistance rated value	4 kV
Weight         0.23 kg           operating voltage         6 8 V           ● at DC rated value         6 8 V           Supply voltage	protection class IP	IP66
operating voltage  • at AC at 60 Hz rated value  • at DC rated value  6 8 V  Supply voltage	protection class IP of the terminal	IP20
<ul> <li>at AC at 60 Hz rated value</li> <li>at DC rated value</li> <li>8 V</li> <li>Supply voltage</li> </ul>	Weight	0.23 kg
at DC rated value     6 8 V  Supply voltage	operating voltage	
Supply voltage	<ul> <li>at AC at 60 Hz rated value</li> </ul>	6 8 V
	at DC rated value	6 8 V
type of voltage of the supply voltage of the light source AC/DC	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	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 terminal
of modules and accessories	Screw-type terminal
tightening torque of the screws in the bracket maximum	20 N·m
tightening torque [lbf·in] with screw-type terminals	8 8 lbf·in
Lamp	
type of light source	filament lamp
color of the light source	clear
Electrical Safety	
touch protection against electrical shock	finger-safe
Ambient conditions	
ambient temperature	
during operation	-35 +70 °C
during storage	-40 +85 °C
Installation/ mounting/ dimensions	
shape of the installation opening	round
Further information	

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=US2:52BP3BR

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=US2:52BP3BR}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BP3BR

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BP3BR&lang=en

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