## **SIEMENS**

Data sheet US2:52BP3H3



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Push-Pull Operator Transformer type, 240V AC Incandescent Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Metal, Black with Green Lens 3 Position Momentary UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

Inumber of command points 1  Actuator  product extension optional light source Yes material of the actuating element metal mushroom head with plastic lens type of unlocking device without any standard metal mushroom head with plastic lens type of unlocking device without any standard mushroom front ring Yes design of the front ring metal material of the front ring metal material of the front ring metal good of the front ring material of the front ring Metal Contact block/ lampholder  socket design BA 9s with lamp number of lampholders 1  Display number of LED modules 0  Ceneral technical data product component  • lang transformer Yes • light source Yes • of the input voltage AC • of the input voltage AC surpey voltage resistance rated value FP6 • of the terminal FP6  Supply voltage of the lang transformer stated value AC supply voltage of the lang transformer AC • of the terminal FP6  Supply voltage of the lang transformer AC • of the terminal FP6 • of the terminal FP7  Supply voltage of the lang transformer at AC supply voltage of the lang transformer AC • rated value 6 V  Inputs/ Outputs  output voltage 1 of the lang transformer rated value GV  Connections/ Terminals Vype of electrical connection screw-type terminals	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 material of the front ring material of the front ring material of the front ring while color of the front ring Moldor  Metal  Contact block/ lampholder socket design number of LED modules  Ones of lampholders  In product component	Enclosure	
Actuator  product extension optional light source material of the actuating element type of unlocking device number of switching positions  Pront 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 Ceneral technical data product component  I amp transformer I lamp transformer I lamp transformer I lamp transformer  I the product component  I the product component I the product component I lamp transformer atted value I lamp transformer attent	number of command points	1
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 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 Coneral technical data product component   lamp transformer   Yes degree of pollution type of voltage of the input voltage supply voltage of the light source at AC at 60 Hz e rated value   Inputs/ Counted Counter (Front)   Front Counter (Front)   Front)   Front)   Front Counter (Front)   Front)   Fro	delivery state as a kit	No
material of the actuating element type of unlocking device unwher 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 material of the front ring whetal color of the front ring material of the holder  Metal Contact block/ lampholder socket design number of lampholders 1  Display number of LED modules 0  General tochnical data product component   light source   Yes   light source   Yes   degree of pollution   1  type of voltage   AC   of the input voltage   AC   of the input voltage   AC   supply voltage   AC   of the terminal   IP20   Supply voltage   type of voltage of the supply voltage of the light source   AC   supply voltage   type of voltage of the supply voltage of the light source   AC   supply voltage   type of voltage of the supply voltage of the light source   AC   supply voltage   type of voltage of the supply voltage of the light source   supply voltage of the supply voltage of the light source   supply voltage of the supply voltage of the light source   supply voltage of the light source at AC at 60 Hz • rated value   for the front ring   supply voltage of the light source at AC at 60 Hz • rated value   for the front ring   supply voltage of the light source at AC at 60 Hz • rated value   for the front ring   for the front ring   supply voltage of the light source at AC at 60 Hz • rated value   for the front ring   for the front ring   supply voltage of the light source at AC at 60 Hz • rated value   for the front ring   for the front r	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 material of the 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 flight source yes degree of pollution type of vibrage of the input voltage of the polythape of the supply voltage of the light source supply voltage type of voltage of the light source at AC at 50 Hz erated value  rated value  output voltage output voltage of the light source at AC at 50 Hz erated value found to the lamp transformer rated value output voltage of the lamp transformer rated value of the light source at AC at 50 Hz erated value output voltage of the lamp transformer rated value of the light source at AC at 50 Hz erated value output voltage of the lamp transformer rated 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  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  • light source  of the operating voltage  • of the operating voltage  • of the input voltage  • of the input voltage  • of the input voltage  • of the terminal  Supply voltage  • of the terminal  Supply voltage  • of voltage of the supply voltage of the light source  Lype of voltage of the light source at AC at 60 Hz  • rated value  • rated value  • rated value  • of the lamp transformer rated value  • of the light source at AC at 60 Hz  • rated value  • of the lamp transformer AC  supply voltage of the lamp transformer rated value  • of the light source at AC at 60 Hz  • rated value  • rated value  • of the lamp transformer rated value  • of the lamp transformer rated value  • of the lamp transformer rated value  • of the light source at AC at 60 Hz  • rated value  • rated value  • output voltage of the lamp transformer rated value  • output voltage of the lamp transformer rated value  • Output voltage of the lamp transformer rated value  output voltage of the lamp transformer rated value  Outputs	material of the actuating element	metal mushroom head with plastic lens
Pront 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 ight source light source degree of pollution 1 type of voltage of the operating voltage of the input voltage surge voltage resistance rated value type of voltage of the supply voltage of the light source supply voltage of the supply voltage of the light source supply voltage of the light source at AC at 60 Hz rated value for Voltage of the lamp transformer rated value output voltage 1 of the lamp transformer rated value for Voltage of the supply voltage of the lamp transformer rated value output voltage 1 of the lamp transformer rated value for Voltage of the supply roltage of the lamp transformer rated value output voltage 1 of the lamp transformer rated value for Voltage of transitions output voltage 1 of the lamp transformer rated value output voltage 1 of the lamp transformer rated value	type of unlocking device	without
product component front ring	number of switching positions	3
design 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 lamp number of lampholders 1  Display number of LED modules 0  General technical data product component elamp transformer Yes elight source Yes degree of pollution 1 type of voltage AC surge voltage resistance rated value protection class IP of the terminal supply voltage of the light source AC supply voltage of the supply voltage of the light source AC supply voltage of the light source at AC at 60 Hz e rated value 6 V Connections/ Terminals	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 Yes  light source Yes  degree of pollution 1  type of voltage  of the operating voltage AC  surge voltage resistance rated value 4 kV  protection class IP  of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC  supply voltage of the light source AC  e rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	product component front ring	Yes
color of the front ring black  Holder  material of the holder  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 Yes • light source Yes degree of pollution 1  type of voltage • of the operating voltage AC  • of the input voltage AC  surge voltage resistance rated value 4 kV  protection class IP • of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC  supply voltage of the light source at AC at 60 Hz • rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	design of the front ring	standard
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 • light source degree of pollution 1  type of voltage • of the operating voltage • of the input voltage AC surge voltage resistance rated value protection class IP • of the terminal  Supply voltage  type of voltage of the light source  yes  AC  of the terminal  IP20  Supply voltage of the light source at AC at 60 Hz • rated value Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  linputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	material of the front ring	metal
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 Yes • light source Yes degree of pollution 1 type of voltage • of the operating voltage AC • of the input voltage AC surge voltage resistance rated value 4 kV  protection class IP • of the terminal IP20  Supply voltage  type of voltage of the light source AC surgly voltage the light source AC supply voltage of the light source AC at 60 Hz • rated value 6 V Connections/ Terminals	color of the front ring	black
Contact block/ lampholder  socket design  number of lampholders  1  Display  number of LED modules  Ceneral 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  Supply voltage  type of voltage of the supply voltage of the light source  AC  supply voltage of the light source at AC at 60 Hz  • rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value	Holder	
socket design number of lampholders  Display  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  Supply voltage  type of voltage of the supply voltage of the light source  AC  surply voltage of the supply voltage of the light source  AC  supply voltage of the light source at AC at 60 Hz  • rated value  output voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	material of the holder	Metal
number of lampholders 1  Display  number of LED modules 0  General technical data  product component  • lamp transformer Yes • light source Yes degree of pollution 1  type of voltage  • of the operating voltage AC • of the input voltage AC  surge voltage resistance rated value 4 kV  protection class IP IP66 • of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC supply voltage of the light source at AC at 60 Hz • rated value 6 V  Inputs/ Outputs output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	Contact block/ lampholder	
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  • of the input voltage  • of the terminal  Supply voltage of the supply voltage of the light source  type of voltage of the light source at AC at 60 Hz • rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	socket design	BA 9s with lamp
number of LED modules  General technical data  product component  • lamp transformer Yes • light source Yes  degree of pollution 1  type of voltage  • of the operating voltage AC • of the input voltage AC  surge voltage resistance rated value 4 kV  protection class IP • of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC supply voltage of the light source at AC at 60 Hz • rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	number of lampholders	1
Product component   Product component component   Product component compon	Display	
product component    lamp transformer	number of LED modules	0
<ul> <li>lamp transformer</li> <li>light source</li> <li>light source</li> <li>Yes</li> <li>degree of pollution</li> <li>1</li> <li>type of voltage <ul> <li>of the operating voltage</li> <li>of the input voltage</li> <li>AC</li> </ul> </li> <li>surge voltage resistance rated value</li> <li>protection class IP</li> <li>of the terminal</li> <li>IP66</li> <li>of the terminal</li> <li>IP20</li> </ul> <li>Supply voltage <ul> <li>type of voltage of the supply voltage of the light source</li> <li>AC</li> <li>supply voltage of the light source at AC at 60 Hz <ul> <li>rated value</li> <li>rated value</li> <li>Outputs</li> </ul> </li> <li>Outputs</li> <li>Output voltage 1 of the lamp transformer rated value</li> <li>6 V</li> </ul> </li> <li>Connections/ Terminals</li>	General technical data	
ilight source     degree of pollution     type of voltage         of the operating voltage         of the input voltage         of the input voltage         AC         surge voltage resistance rated value     protection class IP         of the terminal         IP20  Supply voltage  type of voltage of the supply voltage of the light source         AC supply voltage of the light source at AC at 60 Hz	product component	
degree of pollution  type of voltage  of the operating voltage  of the input voltage  AC  surge voltage resistance rated value  4 kV  protection class IP  of the terminal  IP20  Supply voltage  type of voltage of the supply voltage of the light source  supply voltage of the light source at AC at 60 Hz  rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	<ul> <li>lamp transformer</li> </ul>	Yes
type of voltage  of the operating voltage AC  of the input voltage AC  surge voltage resistance rated value  protection class IP of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source supply voltage of the light source at AC at 60 Hz rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	• light source	Yes
of the operating voltage of the input voltage AC surge voltage resistance rated value  protection class IP of the terminal IP20  Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC at 60 Hz rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	degree of pollution	1
of the input voltage     surge voltage resistance rated value     protection class IP	type of voltage	
surge voltage resistance rated value  protection class IP  of the terminal  IP20  Supply voltage  type of voltage of the supply voltage of the light source supply voltage of the light source at AC at 60 Hz  rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	<ul> <li>of the operating voltage</li> </ul>	AC
protection class IP  of the terminal  IP20  Supply voltage  type of voltage of the supply voltage of the light source  supply voltage of the light source at AC at 60 Hz  orated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	of the input voltage	AC
of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC  supply voltage of the light source at AC at 60 Hz      orated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	surge voltage resistance rated value	4 kV
Supply voltage  type of voltage of the supply voltage of the light source AC  supply voltage of the light source at AC at 60 Hz  • rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	protection class IP	IP66
type of voltage of the supply voltage of the light source  supply voltage of the light source at AC at 60 Hz  • rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	of the terminal	IP20
supply voltage of the light source at AC at 60 Hz  • rated value  6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	Supply voltage	
● rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	type of voltage of the supply voltage of the light source	AC
Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	supply voltage of the light source at AC at 60 Hz	
output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals	rated value	6 V
Connections/ Terminals	Inputs/ Outputs	
	output voltage 1 of the lamp transformer rated value	6 V
type of electrical connection screw-type terminals	Connections/ Terminals	
	type of electrical connection	screw-type terminals

• of modules and accessories	Screw-type terminal
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	filament lamp
color of the light source	clear
Safety related data	
touch protection against electrical shock	finger-safe
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-35 +70 °C
during storage	-40 +85 °C
Installation/ mounting/ dimensions	
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=US2:52BP3H3

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BP3H3

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BP3H3

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BP3H3&lang=en

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