## **SIEMENS**

Data sheet US2:52BP2GRXB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Push-Pull Operator Transformer type, 120V AC LED Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Plastic, Red 2 Position Maintained, Pull-to-Release UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

Inumber of command points 1 delivery state as a kit No Actuator  product extension optional light source Yes material of the actuating element plasts type of unlocking device pull-to-unlatch mechanism number of switching positions 2  Front ring product component front ring Yes design of the front ring metal color of the front ring black Holder material of the holder Metal Contact block/ lampholders socket design number of lampholders 1 Display number of LED modules 1 General technical data product component • lamp transformer • light source Yes degree of pollution type of voitage • of the input voitage AC surpey voitage resistance rated value FPE • of the lamp transformer • of the terminal Supply voitage of the lamp transformer rated value • rated value • rated value  • rated value  • rated value  • of the lamp transformer  • long transformer • long transformer • long transformer • of the terminal  FPE  * Of the terminal  **Expert voitage of the light source **AC **Supply voitage of the light source **AC **Supply voitage of the light source **AC **Supply voitage of the lamp transformer rated value • rated value • rated value • output voitage 1 of the lamp transformer rated value • connections/ Terminals  **Connections/ Terminals  **Torminals **To	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  Pront ring product component front ring design of the front ring material of the front ring material of the front ring metal color of the front ring Metal  Contact block/ lampholder socket design number of LED modules  1  Consort Lebnical data  product component    lampholders	Enclosure	
Actuator  product extension optional light source type of unlocking device number of switching positions 2  Pront ring product component front ring design of the front ring material of the holder color of the front ring material of the holder Metal Contact block/ lampholder socket design number of lampholders 1  Display number of LED modules 1  General technical data product component    lamp transformer   Yes	number of command points	1
product extension optional light source material of the actuating element type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring material of the holder  Contact block/ lampholder socket design number of lampholders 1 Display number of LED modules 6 General technical data product component • lamp fransformer • light source degree of pollution type of voltage • of the input voltage  of the terminal  Supply voltage type of voltage resistance rated value  type of voltage of the light source at AC at 60 Hz • rated value  router to rouse in the first source and to the light source are output voltage  to the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value  router voltage of the light source at AC at 60 Hz • rated value	delivery state as a kit	No
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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 1  General technical data product component	material of the actuating element	plastic
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 1 General technical data product component   lamp transformer	type of unlocking device	pull-to-unlatch mechanism
product component front ring	number of switching positions	2
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 LED number of lampholders 1  Display number of LED modules 1  General technical data product component elight source Yes degree of pollution 1  type of voltage of the operating voltage AC surge voltage resistance rated value protection class IP of the terminal  Supply voltage of the light source AC supply voltage of the light source at AC at 60 Hz e rated value lipputs/ Outputs output voltage 1 of the lamp transformer rated value Connections/ Terminals	Front ring	
material of the front ring black  Holder  material of the holder Metal  Contact block/ lampholder  socket design BA 9s with LED  number of lampholders 1  Display  number of LED modules 1  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 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	product component front ring	Yes
color of the front ring black  Holder  material of the holder  Contact block/ lampholder  socket design BA 9s with LED  number of lampholders 1  Display  number of LED modules 1  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	design of the front ring	standard
material of the holder  Contact block/ lampholder  socket design BA 9s with LED number of lampholders 1  Display number of LED modules 1  General technical data  product component	material of the front ring	metal
material of the holder  Contact block/ lampholder  socket design number of lampholders  1  Display  number of LED modules 1  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  yes of voltage  • of the terminal  IP20  Supply voltage of the supply voltage of the light source  yes of voltage  AC surge of voltage  AC - of the terminal  IP20  Supply voltage of the supply voltage of the light source  supply voltage of the light source at AC at 60 Hz • rated value  • rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer 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 supply voltage of the light source  supply voltage of the light source at AC at 60 Hz  • rated value  linputs/ Outputs  output voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  connections/ Terminals	Holder	
socket design number of lampholders  1  Display  number of LED modules  1  General technical data  product component  • lamp transformer  • light source  degree of pollution  type of voltage  • of the operating voltage  • of the input voltage  AC  • of the input voltage  AC  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  output voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 1 of the lamp transformer rated value  for voltage 2 of voltage 2 of voltage 3	material of the holder	Metal
number of lampholders 1  Display  number of LED modules 1  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 1  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 IP66 • of the terminal IP20  Supply 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	socket design	BA 9s with LED
number of LED modules  General technical data product component  I almp transformer I light source I light sour	number of lampholders	1
Product component   Product component component   Product component compon	Display	
product component    lamp transformer	number of LED modules	1
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ilight source     degree of pollution     type of voltage         of the operating voltage         of the input voltage         of the input voltage	product component	
degree of pollution  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  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  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  6 V  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  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	surge voltage resistance rated value	4 kV
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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

<ul> <li>of modules and accessories</li> </ul>	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	LED
color of the light source	red
Safety related data	
touch protection against electrical shock	finger-safe
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-35 +70 °C
<ul> <li>during storage</li> </ul>	-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=US2:52BP2GRXB

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BP2GRXB

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BP2GRXB

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BP2GRXB&lang=en

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