## **SIEMENS**

Data sheet US2:52BP3K2



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Push-Pull Operator Transformer type, 600V AC Incandescent Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Metal, Black with Red Lens 3 Position Momentary UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

mumber of command points 1 design of the actuating element yes material of the actuating element metal mushroom head with plastic lens type of unlocking device without a without a without growth of the front ring which in positions without a without a without growth of the front ring yes design of the front ring material of the front ring material of the front ring metal color of the front ring material of the front ring material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the holder which is a standard with plastic lens with ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material of the front ring which is a standard material which is a standard material of the front ring which is a standard material of the front ring which is a standard material which is	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 Metal color of the front ring Holder  Contact block/ lampholder socket design number of LED modules  Contact block/ lampholders  1 Display number of LED modules  Oceneral technical data  product component   lamp transformer   Yes     light source degree of pollution   1     type of 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 at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source at AC at 60 Hz rated value     output voltage of the light source	Enclosure	
Actuator  product extension optional light source	number of command points	1
material of the actuating element metal mushroom head with plastic lens type of unlocking device without number of switching positions 3  Front ring  product component front ring yes design of the front ring metal color of the front ring black thought of the front ring black thought of the front ring metal color of the front ring black thought of the plant of the holder black thought of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz rated value of the light source at AC at 60 Hz ra	delivery state as a kit	No
material of the actuating element without without type of unlocking device without an amount of switching positions and standard without and without a	Actuator	
type of unlocking device without number of switching positions 3  Front ring	product extension optional light source	Yes
number of switching positions  Front ring  product component front ring	material of the actuating element	metal mushroom head with plastic lens
product component front ring Yes design of the front ring standard metal of the front ring black Holder material of the front ring black Holder Metal Contact block/ lampholder Socket design BA 9s with lamp number of lampholders 1  Display Observable Product Component Yes General technical data Product component Ingint source Yes Gegree of pollution 1 type of voltage Of the input voltage AC Surge voltage resistance rated value AC Supply voltage of the light source at AC at 60 Hz rated value Of Voltagus Outputs Out	type of unlocking device	without
product component front ring standard material of the front ring metal color of the front ring black  Holder block   Holder   Hol	number of switching positions	3
design of the front ring metal 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 elight source Yes degree of pollution type of voltage of the light source 4 kV protection class IP of the terminal IP20  Supply voltage of the supply voltage of the light source AC supply voltage of the supply voltage of the light source AC supply voltage of the lamp transformer rated value 6 V Connections/ Terminals	Front ring	
material 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  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  • for public of the lamp transformer 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	design of the front ring	standard
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  degree of pollution  type of voltage  • of the operating voltage  • of the input voltage  • of the input voltage  • of the terminal  protection class IP  • of the terminal  Supply voltage  type of voltage of the light source  AC  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	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 • 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 • 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 rated value • (a)  Inputs/ Outputs output voltage 1 of the lamp transformer rated value  Connections/ Terminals	color of the front ring	black
Socket design number of lampholders  1 Display number of LED modules 0 General technical data product component	Holder	
socket design number of lampholders  1  Display  number of LED modules  0  General technical data  product component	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 Protection class IP  • of the terminal IP20  Supply voltage of the supply voltage of the light source AC  surply 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  In lamp transformer  In lamp transformer tated value  In lamp transformer tated value  In lamp transformer rated value  In	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 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
General technical data  product component  • lamp transformer  • light source  • light source  degree of pollution  type of voltage  • 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  • 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  6 V  Connections/ Terminals	Display	
product component  • lamp transformer  • light source  • light source  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 light source at AC at 60 Hz rated value  • Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  6 V  Connections/ Terminals	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</li> <li>surge voltage resistance rated value</li> <li>protection class IP</li> <li>of the terminal</li> <li>IP20</li> <li>Supply voltage</li> <li>type of voltage of the supply voltage of the light source</li> <li>supply voltage of the light source at AC at 60 Hz rated value</li> <li>6 V</li> <li>Inputs/ Outputs</li> <li>output voltage 1 of the lamp transformer rated value</li> <li>6 V</li> <li>Connections/ Terminals</li> </ul>	General technical data	
elight source     degree of pollution     type of voltage	product component	
degree of pollution  type of voltage  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  output voltage 1 of the lamp transformer rated value  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	• lamp transformer	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 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 of V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals	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 rated value  functions/ 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 rated 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
type of voltage of the supply voltage of the light source  supply voltage of the light source at AC at 60 Hz rated value  outputs/ Outputs  output voltage 1 of the lamp transformer rated value  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  • 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  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 6 V  Connections/ Terminals	Supply voltage	
Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  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 rated value	
output voltage 1 of the lamp transformer rated value 6 V Connections/ Terminals	•	6 V
Connections/ Terminals	Inputs/ Outputs	
	output voltage 1 of the lamp transformer rated value	6 V
type of electrical connection screw terminal	Connections/ Terminals	
	type of electrical connection	screw terminal

<ul> <li>of modules and accessories</li> </ul>	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	
<ul> <li>during operation</li> </ul>	-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=US2:52BP3K2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BP3K2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/US2:52BP3K2

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BP3K2&lang=en

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