## SIEMENS

## Data sheet

## US2:52BP7KA



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 Clear Lens 3 Position Pull-Momentary/Push-Maintained UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

design of the product     Actuator round       Enclosure     I       number of command points     1       delivery state as a kt     No       Actuator     metail of the actuating olement     metail mushroom head with plastic lens       type of unlocking oesitions     3       Front ring     pul-to-unlatch mechanism       number of switching positions     3       Front ring     Yes       odesign of the front ring     Standard       design of the front ring     Back       Volder     metail       Color of the front ring     Back       Volder     Total component       Contract blood/k lampholder     Standard       Socket design     BA 9s with lamp       number of LED modules     0       Centract blood/k lampholder     Standard       of the sprating velocities     Yes       elight source     Yes       elight source     Yes       of the sprating velocities     O       Source     Yes       elight source     Yes       elight source     Yes       of the sprating velocities     Yes       of the sprating velocities     Yes       of the sprating velocities     AC       of the sprating velocities     Yes       of the		
number of command points         1           delivery state as a kit         No           Actuator	design of the product	Actuator round
delivery state as a kit     No       Actuator	Enclosure	
Actuator       Yes         material of the actuating element       metal mushroom head with plastic lens         type of unlocking device       pull-fo-unlatch mechanism         number of switching positions       3         Front ring       product component front ring         product component front ring       gets         design of the front ring       metal         color of the front ring       black         Holder       Metal         Contact block/ lampholders       1         Display       number of LED modules         number of LED modules       0         General technical data       Yes         elight source       Yes         ight source       Yes         ight source       Yes         isplay       1         Display       1         of the operating voltage       0         General technical data       Yes         product component       Yes         eilight source       Yes         degree of pollution       1         type of voltage       AC         of the coparating voltage       AC         e of the coparating voltage       AC         of the coparating voltage       AC	number of command points	1
product extension optional light source         Yes           material of the actuating element         metal mushroom head with plastic tens           type of unlocking device         pull-to-unlatch mechanism           number of switching positions         3           Front ring         Yes           design of the front ring         metal           color of the front ring         metal           color of the front ring         black           Holder         Metal           Contract block/ lampholder         socket design           socket design         BA 9s with lamp           number of lampholders         1           Display         0           General technical data         0           General technical data         1           product component         Yes           e light source         Yes           degree of pollution         1           type of voltage         AC           of the loperating voltage of the light source	delivery state as a kit	No
material of the actuating element         metal mushroom head with plastic lens           type of unlocking device         pull-to-unlatch mechanism           number of switching positions         3           Front ring         Yes           design of the front ring         Standard           material of the front ring         metal           color of the front ring         black           Holder         metal           material of the holder         Metal           Contract block/ lampholder         5           socket design         BA 9s with lamp           number of LED modules         0           General technical data         0           general technical data         Yes           e light source         Yes           e light source         Yes           e degree of pollution         1           type of voltage         AC           of the operating voltage         AC           of the input voltage         AC           of the terminal         IP20           Supply voltage         AC           of the terminal         IP20           Supply voltage of the light source at AC at 60 Hz         6 V           inputs/ Outputs         output voltage 1 of the lam	Actuator	
type of unlocking device         pull-to-unlatch mechanism           number of switching positions         3           Front ring         standard           product component front ring         Yes           design of the front ring         metal           color of the front ring         metal           color of the front ring         black           Holder         Metal           Contact block/ lampbolder         socket design           socket design         BA 9s with lamp           number of LED modules         0           Central tock/call data         product component           e light source         Yes           e light source         Yes           of the operating voltage         AC           e of the population         1           type of voltage         AC           e of the input voltage         AC           surge voltage resistance rated value         4 kV           protection class IP         IP66           e of the terminal         IP20           Supply voltage         AC           supply voltage of the light source at AC at 60 Hz         6 V           inputs/ Outputs         Output voltage 1 of the lamp transformer rated value         6 V <td>product extension optional light source</td> <td>Yes</td>	product extension optional light source	Yes
number of switching positions     3       Front ring        product component front ring     Yes       design of the front ring     metal       color of the front ring     black       Holder     metal       color of the front ring     black       Holder     Metal       Contact block/lampholder     socket design       socket design     BA 9s with lamp       number of lampholders     1       Display        number of LED modules     0       General technical data        product component     Yes       • light source     Yes       • light source     Yes       • of the operating voltage     AC       • of the operating voltage     AC       • of the terminal     IP20       Supply voltage     IP66       • of the terminal     IP20       Supply voltage of the light source     AC       supply voltage of the light source at AC at 60 Hz     6 V       inputs/ Outputs <td< td=""><td>material of the actuating element</td><td>metal mushroom head with plastic lens</td></td<>	material of the actuating element	metal mushroom head with plastic lens
Front ring       Yes         design of the front ring       standard         material of the front ring       metal         color of the front ring       black         Holder       metal         material of the holder       Metal         Contact block/lampholder       Socket design         socket design       BA 9s with lamp         number of LED modules       0         General technical data       Import technical data         product component       Yes <ul> <li>light source</li> <li>degree of pollution</li> <li>1</li> <li>type of voltage</li> <li>of the operating voltage</li> <li>AC</li> <li>surge voltage resistance rated value</li> <li>tkV</li> <li>protection class IP</li> <li>of the terminal</li> <li>IP20</li> <li>Supply voltage</li> <li>of the light source at AC at 60 Hz</li> <li>oitput voltage 1 of the light source at AC at 60 Hz</li> <li>output voltage 1 of the lamp transformer rated value</li> <li>6 V</li> <li>Inputs/ Outputs</li> <li>output voltage 1 of the lamp transformer rated value</li> <li>fo V</li> <li>connections/ Terminals</li> <li>Conne</li></ul>	type of unlocking device	pull-to-unlatch mechanism
product component front ring     Yes       design of the front ring     standard       material of the front ring     metal       color of the front ring     black       Holder     Metal       Contact block/ lampholder     socket design       socket design     BA 9s with lamp       number of lampholders     1       Display     0       General technical data     0       general technical data     0       general technical data     0       of the operating voltage     AC       • 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     AC       • ated value     6 V       Inputs/ Outputs     6 V       Inputs/ Outputs     6 V	number of switching positions	3
design of the front ring       standard         material of the front ring       black         color of the front ring       black         Holder       material of the holder         material of the holder       Metal         Contact block/ lampholder       socket design         socket design       BA 9s with lamp         number of lampholders       1         Display	Front ring	
material of the front ring     metal       color of the front ring     black       Holder     material of the holder       material of the holder     Metal       Contact block/ lampholder     socket design       socket design     BA 9s with lamp       number of lampholders     1       Display     0       General technical data     0       product component     0       • lamp transformer     Yes       • light source     Yes       • of the operating voltage     AC       • of the operating voltage     AC       • of the input voltage     AC       • of the input voltage     AC       • of the terminal     IP20       Supply voltage of the light source at AC at 60 Hz     • rated value       • rated value     6 V       Inputs/ Outputs     6 V	product component front ring	Yes
color of the front ring       black         Holder       material of the holder         Contact block/lampholder       Socket design         socket design       BA 9s with lamp         number of lampholders       1         Display       number of LED modules         General technical data       0         groduct component       Implement         e lamp transformer       Yes         e light source       Yes         of the operating voltage       AC         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 of the light source       AC         supply voltage of the light source       AC         itype of voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         inputs/Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	design of the front ring	standard
Holder       Metal         Contact block/ lampholder       socket design       BA 9s with lamp         number of lampholders       1         Display       0         General tochnical data       0         product component       Yes         elight source       Yes         degree of pollution       1         type of voltage       AC         of the operating voltage       AC         of the input voltage       AC         of the terminal       IP20         Supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       AC         orated value       6 V         Inputs/ Outputs       GV         output voltage 1 of the lamp transformer rated value       6 V	material of the front ring	metal
material of the holder         Metal           Contact block/ lampholder         BA 9s with lamp           number of lampholders         1           Display         0           General technical data         0           groduct component         • lamp transformer           • lamp transformer         Yes           • light source         Yes           degree of pollution         1           type of voltage         AC           • of the operating voltage         AC           surge voltage resistance rated value         4 kV           protection class IP         IP66           • of the terminal         IP20           Supply 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           • rated value         6 V           Inputs/ Outputs         6 V           output voltage 1 of the lamp transformer rated value         6 V	color of the front ring	black
Contact block/ lampholder         socket design       BA 9s with lamp         number of lampholders       1         Display       0         General technical data       0         product component       •         • lamp transformer       Yes         • light source       Yes         • light source       Yes         • degree of pollution       1         type of voltage       AC         • of the operating voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         Supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	Holder	
socket design     BA 9s with lamp       number of lampholders     1       Display     0       General technical data     0       product component     0       • lamp transformer     Yes       • light source     Yes       degree of pollution     1       type of voltage     AC       • 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     AC       supply voltage of the light source at AC at 60 Hz     6 V       Inputs/ Outputs     6 V       output voltage 1 of the lamp transformer rated value     6 V	material of the holder	Metal
number of lampholders       1         Display       0         General technical data       0         groduct component       9         • lamp transformer       Yes         • light source       Yes         • light source       Yes         • of the operating voltage       AC         • 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 of the supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	Contact block/ lampholder	
Display       0         number of LED modules       0         General technical data       0         product component	socket design	BA 9s with lamp
number of LED modules     0       General technical data       product component       • lamp transformer       • light source       Yes       • light source       degree of pollution       1       type of voltage       • of the operating voltage       • of the operating voltage       AC       surge voltage resistance rated value       4 kV       protection class IP       • of the terminal       IP20       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	number of lampholders	1
General technical data         product component         • lamp transformer         • light source         degree of pollution         1         type of voltage         • of the operating 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 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	Display	
product component     Yes       • lamp transformer     Yes       • light source     Yes       degree of pollution     1       type of voltage     1       • 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 of the supply voltage of the light source     AC       supply voltage of the light source at AC at 60 Hz     6 V       • rated value     6 V       Inputs/ Outputs     6 V	number of LED modules	0
• lamp transformer       Yes         • light source       Yes         degree of pollution       1         type of voltage       1         • 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       AC         supply voltage of the supply voltage of the light source       AC         supply voltage       6 V         Inputs/ Outputs       6 V         connections/ Terminals       6 V	General technical data	
• light source     Yes       degree of pollution     1       type of voltage     AC       • 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     AC       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 light source at AC at 60 Hz     6 V       Inputs/ Outputs     6 V       output voltage 1 of the lamp transformer rated value     6 V	product component	
degree of pollution       1         type of voltage       AC         • 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       AC         type of voltage of the supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	<ul> <li>lamp transformer</li> </ul>	Yes
type of voltage       AC         • 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       KC         type of voltage of the supply voltage of the light source       AC         supply voltage of the supply voltage of the light source       AC         • rated value       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	light source	Yes
<ul> <li>of the operating voltage</li> <li>of the input voltage</li> <li>AC</li> <li>surge voltage resistance rated value</li> <li>4 kV</li> <li>protection class IP</li> <li>IP66</li> <li>IP20</li> <li>Supply voltage</li> <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</li> <li>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> </ul>	degree of pollution	1
• of the input voltage       AC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         Supply voltage       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         • rated value       6 V         Inputs/ Outputs       6 V         connections/ Terminals       6 V	type of voltage	
surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         Supply voltage       IP20         supply voltage of the supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	<ul> <li>of the operating voltage</li> </ul>	AC
protection class IP       IP66         • of the terminal       IP20         Supply voltage       IP20         type of voltage of the supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         • rated value       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V	of the input voltage	AC
• of the terminal     IP20       Supply voltage     AC       type of voltage of the supply voltage of the light source     AC       supply voltage of the light source at AC at 60 Hz     6 V       • rated value     6 V       Inputs/ Outputs     6 V       output voltage 1 of the lamp transformer rated value     6 V		4 kV
Supply voltage       AC         type of voltage of the supply voltage of the light source       AC         supply voltage of the light source at AC at 60 Hz       6 V         • rated value       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V		
type of voltage of the supply voltage of the light source     AC       supply voltage of the light source at AC at 60 Hz     6 V       • rated value     6 V       Inputs/ Outputs     6 V       output voltage 1 of the lamp transformer rated value     6 V		IP20
supply voltage of the light source at AC at 60 Hz     6 V       • rated value     6 V       Inputs/ Outputs     6 V       output voltage 1 of the lamp transformer rated value     6 V       Connections/ Terminals     6 V		
rated value 6 V Inputs/ Outputs Output voltage 1 of the lamp transformer rated value 6 V Connections/ Terminals		AC
Inputs/ Outputs output voltage 1 of the lamp transformer rated value 6 V Connections/ Terminals		
output voltage 1 of the lamp transformer rated value     6 V       Connections/ Terminals     6 V		6 V
Connections/ Terminals		
		6 V
type of electrical connection screw-type 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	filament lamp	
color of the light source	clear	
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		
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=US2:52BP7KA		
Cax online generator		
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BP7KA		
Service&Support (Manuals, Certificates, Characteristics, FAQs,)		
https://support.industry.siemens.com/cs/ww/en/ps/US2:52BP7KA		
Image database (product images, 2D dimension drawings, 3D http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2		
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