## SIEMENS

## Data sheet

## US2:52BP2DTXB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Push-Pull Operator Full Voltage, 24V AC/DC LED Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Plastic, Amber 2 Position Maintained, Pull-to-Release UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

design of the product     Actuator round       Enclosuro     I       number of command points     1       delivery state as a kit     No       Actuator     product extension optional light source     Yes       color of the actuating element     amber       material of the actuating element     plastic       type of unlocking device     pull-b-unlatch mechanism       number of switching positions     2       Front ring     Standard       material of the front ring     standard       material of the front ring     black       Holder     Metal       color of the front ring     black       Holder     International state in the front ring       material of the holder     Metal       Contact block/ lampholders     1       contact block/ lampholders     1       contract block/ lampholders     1       optical data     Contact block/ lampholder       of the operating voltage     AC/DC       of the input voltage     AC/DC       of the operating voltage     AC/DC       of the input voltage     AC/DC		
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       product extension optional light source     Yes       color of the actuating element     amber       material of the actuating element     plastic       type of unlocking device     pull-to-unlatch mechanism       number of switching positions     2       product component front ring     Standard       material of the front ring     standard       material of the front ring     black       color of the front ring     black       Holder     Metal       context block/ lampholder     0       socket design     A       number of LED modules     1       Orate tblock/ lampholders     1       other and schnical data     1       product component     1       i lampt transformer     No       of the operating voltage     AC/DC	number of command points	1
product extension optional light source         Yes           color of the actuating element         amber           material of the actuating element         plastic           type of unlocking device         pull-c-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           color of the holder         Metal         Contact block/ lampholders           socket design         BA 9s with LED         metal           number of LED modules         1         Ceneral technical data         Ceneral technical data           product component         No         Yes         Ceneral technical data           product component         1         Ceneral technical data         Ceneral technical data           product component         1         CiDC         CiDC         CiDC           of the input voltage         AC/DC         AC/DC         Surge voltage resistance rated value         P/20           operating voltage         CiDC C         Surge voltage resistance rated value         P/20         Ceneral technical data           protection class IP         IP66         IP20         CiDC C         Surge voltage resistance	delivery state as a kit	No
color of the actualing element     amber       material of the actuating olement     plastic       type of unlocking device     pull-to-unlatch mechanism       number of switching positions     2       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/ lampholder     Metal       color of the object     1       Contact block/ lampholders     1       Socket design     BA 9s with LED       number of LED modules     1       Contract block/ lampholders     1       Socket design     No       vight source     Yes       eight source     Yes       eight source     Yes       of the operating voltage     AC/DC       • of the operating voltage     A/CDC       • of the terminal     IP20       operating voltage     24 28 V       • of the terminal     IP20       operating voltage     24 28 V       • of the terminal     IP20       operating voltage     AC/DC       supply voltage of the light source to AC at 60 Hz	Actuator	
material of the actuating element         plastic           type of unlocking device         pull-to-unlatch mechanism           number of switching positions         2           Front ring         Yes           design of the front ring         Standard           material of the front ring         metal           color of the front ring         metal           color of the front ring         black           Holder         Metal           Contact block/ lampholder         standard           socket design         BA 9s with LED           number of LED modules         1           Ceneral technical data         metal of the operating voltage           product component         ight source           ight source         Yes           degree of polluton         1           type of voltage         AC/DC           of the operating voltage         AC/DC           of the terminal         IP20           operating voltage         IP20           operating voltage         4kV           protection class IP         IP66           of the terminal         IP20           operating voltage         24 28 V           supply voltage         4k/V	product extension optional light source	Yes
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         standard         metal           color of the front ring         metal         color of the front ring           color of the front ring         black         Holder           Material of the holder         Metal         Contact block/ lampholder           socket design         BA 9s with LED         number of LED modules         1           Obsplay         1         Contact block/ lampholder         Contact block/ lampholder         Contact block/ lampholder           socket design         BA 9s with LED         number of LED modules         1           Obsplay         1         Contact block/ lampholder         Contact block/ lampholder           number of LED modules         1         Contact block/ lampholder         Contact block block         Contact block block         Contact block block           ight source         feas         feas         feas         Contact block block         Contact block block         Contact block block         Contact block block block         Contact block b	color of the actuating element	amber
number of switching positions     2       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 LED       number of lampholders     1       Display     number of lampholders       number of LED modules     1       General technical data     product component       e light source     Yes       degree of pollution     1       type of voltage     AC/DC       of the operating voltage     AC/DC       of the input voltage     AC/DC       of the terminal     IP20       operating voltage     e at AC at 60 Hz rated value       e at AC at 60 Hz rated value     24 28 V       e at AC at 60 Hz rated value     24 28 V       supply voltage     Yes       yppol voltage     C/DC       or the light source at AC at 60 Hz     AC/DC	material of the actuating element	plastic
Front ring       product component 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 LED       number of LED modules     1       General technical data     product component       • light source     Yes       degree of pollution     1       type of voltage     AC/DC       • of the input voltage     AC/	type of unlocking device	pull-to-unlatch mechanism
product component front ring     Yes       design of the front ring     standard       material of the front ring     black       Holder     metal       color of the front ring     black       Holder     Metal       Contact block/ lampholder     socket design       number of lampholders     1       Display     1       number of LED modules     1       General technical data	number of switching positions	2
design of the front ring       standard         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 LED         number of LED modules       1         Display       Intervention         number of LED modules       1         General technical data       Product component         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         • of the terminal       IP20         operating voltage       24 28 V         • at AC at 60 Hz rated value       24 28 V         • at AC at ed value       24 28 V         • at AC at ed value       24 28 V         • at AC at ed value       24 28 V         • at AC at ed value       24 28 V         • at AC at ed the supply voltage of the light source       AC/DC         supply voltage       AC at 60 Hz rated value         • byportop	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 LED         number of lampholders       1         Display          number of LED modules       1         General technical data          product component       I         i light source       Yes         degree of pollution       1         type of voltage       AC/DC         of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         of the terminal       IP20         operating voltage       24 28 V         e at AC at 60 Hz rated value       24 28 V         e at DC rated value       24 28 V         yppoly voltage       Holdes         type of voltage of the light source       AC/DC         supply voltage of the light source       AC/DC	product component front ring	Yes
color of the front ring       black         Holder       Metal         Contact block/ lampholder       Socket design         socket design       BA 9s with LED         number of lampholders       1         Display       Image: Contact block/ lampholder         number of LED modules       1         General technical data       Image: Contact block/ lampholder         product component       Image: Contact block/ lampholder         e light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       24 28 V         • at DC ated value	design of the front ring	standard
Holder       Metal         Contact block/lampholder       BA 9s with LED         socket design       BA 9s with LED         number of lampholders       1         Display       Image: Contact block/lampholder         number of LED modules       1         General technical data       Image: Contact block/lampholder         product component       No         • lamp transformer       No         • light source       Yees         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         • of the input voltage       AC/DC         • of the terminal       IP20         operating voltage       ext AC at 60 Hz rated value         • at AC at da value       24 28 V         • at DC rated value       24	material of the front ring	metal
material of the holder     Metal       Contact block/ lampholder       socket design     BA 9s with LED       number of lampholders     1       Display     Image: Contact block/lampholder       number of LED modules     1       General technical data     Image: Contact block/lampholder       product component     No       • lamp transformer     No       • light source     Yes       degree of pollution     1       type of voltage     AC/DC       • of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV       protection class IP     IP66       • of the terminal     IP20       operating voltage     24 28 V       • at AC at 60 Hz rated value     24 28 V       • at DC rated value     24 28 V       • supply voltage of the light source     AC/DC	color of the front ring	black
Contact block/ lampholder         socket design       BA 9s with LED         number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       No         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       4 LC at 60 Hz rated value         • at AC at 60 Hz rated value       24 28 V         • at DC rated value       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	Holder	
socket design       BA 9s with LED         number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         groduct component       1         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage	material of the holder	Metal
number of lampholders       1         Display       1         number of LED modules       1         General technical data       1         product component       Image: Second Se	Contact block/ lampholder	
Display         number of LED modules       1         General technical data         product component         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       24 28 V         • at AC at 60 Hz rated value       24 28 V         • at DC rated value       24 28 V         supply voltage of the supply voltage of the light source       AC/DC	socket design	BA 9s with LED
number of LED modules       1         General technical data       product component            ilamp transformer       No            ilight source       Yes         degree of pollution       1         type of voltage       1            of the operating voltage       AC/DC            of the input voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66            of the terminal       IP20         operating voltage       24 28 V            at AC at 60 Hz rated value       24 28 V            at DC rated value       AC/DC         supply voltage of the supply voltage of the light source       AC/DC	number of lampholders	1
General technical data         product component         • lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       24 28 V         • at AC at 60 Hz rated value       24 28 V         • at DC rated value       AC/DC         supply voltage of the light source       AC/DC	Display	
product component     No       • lamp transformer     No       • light source     Yes       degree of pollution     1       type of voltage     AC/DC       • of the operating voltage     AC/DC       • of the input voltage     AC/DC       surge voltage resistance rated value     4 kV       protection class IP     IP66       • of the terminal     IP20       operating voltage     24 28 V       • at AC at 60 Hz rated value     24 28 V       supply voltage of the supply voltage of the light source     AC/DC	number of LED modules	1
• lamp transformer       No         • light source       Yes         degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       24 28 V         • at AC at 60 Hz rated value       24 28 V         Supply voltage       AC/DC         type of voltage of the light source       AC/DC	General technical data	
• light source       Yes         degree of pollution       1         type of voltage       1         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage	product component	
degree of pollution       1         type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage	lamp transformer	No
type of voltage       AC/DC         • of the operating voltage       AC/DC         • of the input voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       IP20         operating voltage       24 28 V         • at AC at 60 Hz rated value       24 28 V         • at DC rated value       24 28 V         supply voltage of the supply voltage of the light source       AC/DC	light source	Yes
• of the operating voltageAC/DC• of the input voltageAC/DCsurge voltage resistance rated value4 kVprotection class IPIP66• of the terminalIP20operating voltage	degree of pollution	1
• of the input voltage       AC/DC         surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       IP20         • at AC at 60 Hz rated value       24 28 V         • at DC rated value       24 28 V         Supply voltage       IP20	type of voltage	
surge voltage resistance rated value       4 kV         protection class IP       IP66         • of the terminal       IP20         operating voltage       IP20         • at AC at 60 Hz rated value       24 28 V         • at DC rated value       24 28 V         Supply voltage       Z4 28 V         type of voltage of the supply voltage of the light source       AC/DC         supply voltage of the light source at AC at 60 Hz       AC/DC	<ul> <li>of the operating voltage</li> </ul>	AC/DC
protection class IP     IP66       • of the terminal     IP20       operating voltage     IP20       • at AC at 60 Hz rated value     24 28 V       • at DC rated value     24 28 V       Supply voltage of the supply voltage of the light source     AC/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	<ul> <li>of the input voltage</li> </ul>	AC/DC
• of the terminal     IP20       operating voltage     -       • at AC at 60 Hz rated value     24 28 V       • at DC rated value     24 28 V       Supply voltage of the supply voltage of the light source     AC/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	surge voltage resistance rated value	4 kV
operating voltage     24 28 V       • at AC at 60 Hz rated value     24 28 V       • at DC rated value     24 28 V       Supply voltage of the supply voltage of the light source     AC/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	protection class IP	IP66
• at AC at 60 Hz rated value         24 28 V           • at DC rated value         24 28 V           Supply voltage         24 28 V           supply voltage of the supply voltage of the light source         AC/DC           supply voltage of the light source at AC at 60 Hz         AC/DC	of the terminal	IP20
e at DC rated value 24 28 V  Supply voltage type of voltage of the supply voltage of the light source AC at 60 Hz	operating voltage	
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       AC/DC	<ul> <li>at AC at 60 Hz rated value</li> </ul>	24 28 V
type of voltage of the supply voltage of the light source     AC/DC       supply voltage of the light source at AC at 60 Hz     AC/DC	• at DC rated value	24 28 V
supply voltage of the light source at AC at 60 Hz	Supply voltage	
	type of voltage of the supply voltage of the light source	AC/DC
• rated value 28 24 V	supply voltage of the light source at AC at 60 Hz	
	rated value	28 24 V

supply voltage of the light source at DC	
rated value	28 24 V
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	yellow
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=US2:52BP2DTXB	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/US2:528F	, FAQs,)
	ıs, 3D models, device circuit diagrams, EPLAN macros,)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BP2DTXB&lang=en

last modified:

5/31/2021 🖸