## SIEMENS

## Data sheet

## US2:52PP3JBXB

30mm Command/52, Chrome Finish Heavy Duty,Watertight/Oiltight Complete Metal Unit Illuminated Push-Pull Operator Transformer type, 480V AC LED Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Metal, Chrome with White Lens 3 Position Momentary UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

delay of the product         Autaior round           Enclosure         I           number of command points         1           delay state as a kit         No           Actuator         Ves           color of the actuating element         white           material of the actuating element         white           number of subking positions         3           Pront ring         standard           product component front ring         standard           design of the front ring         standard           color of the front ring         standard           color of the front ring         standard           color of the front ring         metal           color of the front ring         field           color of the front ring         metal           color of the front ring         field           color of the front ring         fiel		Automotive Standards
number of command points         1           delivery state as a kit         No           Actuator         Product extension optional light source         Yes           product extension optional light source         Yes           color of the actuating element         white           material of the actuating element         white           number of switching positions         3           Pront ring         standard           design of the front ring         standard           design of the front ring         chrome           total of the front ring         chrome           total of the holder         Metal           Context block/ subpholder         1           color of the front ring         BA 9s with LED           number of LED modules         1           number of LED modules         1           number of LED modules         1           operand technical data         Free           product component         Yes           elight source         Yes           degree of pollution         1           type of voltage         AC           of the operating voltage         AC           of the operating voltage         AC           of the operating voltage of	design of the product	Actuator round
delivery state as a kit         No           Actuator         Yes           color of the actualing element         while           matherial of the actualing element         without           number of switching positions         3           Front ring         without           product component front ring         Yes           design of the front ring         metal           color of the front ring         BA 98 with LED           number of Lampholders         1           Display         Improved Component           marker of testimical data         Yes           product component         Yes           iligh source         Yes           of the operating voltage         AC           of the operating voltage         AC           of the operating voltage         AC           of the operating voltage of the light source         Ve           of the noperating voltage of the light sourc	Enclosure	
Actuator         Yes           product extension optional lipt source         Yes           color of the actuating element         white           material of the actuating element         white           material of the actuating element         without           number of swhiching positions         3           Front ring         Yes           design of the front ring         Yes           color of the front ring         chrome           color of the front ring         chrome           Contact block/ lampholder         Metal           Contact block/ lampholder         forme           socket design         GA 9s with LED           number of LED modules         1           Objeky         Total socket design           rumber of LED modules         1           Order of the modules         1           eleneral technical data         Yes           of the operating voltage         AC           of the operating voltage         AC           of the input voltage         AC           of the inorthing         Pe20	number of command points	1
product extension optional light source         Yes           color of the actuating element         white           material of the actuating device         without           number of switching positions         3           Front ring         Yes           design of the front ring         metal           material of the front ring         metal           color of the front ring         Metal           contract block/lamphoider         EA/98 with LED           number of LED modules         1           number of LED modules         1           socket de	delivery state as a kit	No
color of the actuating element         while           material of the actuating element         metal mushroom head with plastic lens           type of unlocking device         without           numbor of switching positions         3           Front ring         yes           design of the front ring         standard           material of the front ring         chrome           color of the front ring         chrome           color of the ront ring         chrome           Color of the front ring         chrome           Color of the holder         Metal           Color of the holder         Contract block/ lampholder           socket design         BA 9s with LED           number of LED modules         1           Orber of lampholders         1           foreard lachholad data         product component           • lapin transformer         Yes           • of the operating voltage         ACC           • of the operating voltage         AC           • of the operating voltage         AC           • of the input voltage of the light source         AC           • of the input voltage of the light source         AC           • of the input voltage of the light source         AC           supperol vol	Actuator	
material of the actualing element         metal mushroom head with plastic lens           type of unlocking device         without           number of switching positions         3           From ring         Yes           design of the front ring         standard           color of the front ring         metal           Contact block/lampbolder         Metal           contact block/lampbolder         Experiment           socket design         BA 9s with LED           number of LED modules         1           general technical data         Experiment           product component         -           - lamp transformer         Yes           - of the operating voltage         AC           - of the operating voltage         AC           - of the input voltage         AC           - of the input voltage         AC           - of the input voltage of the supty voltage of the light source         AC           - of the input voltage of the light source at AC at 80 Hz         -           - of the input voltage of the lin	product extension optional light source	Yes
type of unlocking device         without           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         chrome           Holdar         material of the holder           Contract block/ lampholder         Socket design           socket design         BA 9s with LED           number of LED modules         1           Olsplay         Interfact of the formation           number of LED modules         1           General tochnical data         Yes           elight source         Yes           elight source         Yes           of the operating voltage         AC           of the input voltage         AC           of the input voltage         AC           of the tormain         IP20           Supply voltage of the supply voltage of the light source         AC           of the torminal         IP20           Supply voltage of the supply voltage of the light source         AC           of the light source at AC at 60 Hz         o' motules and accessories	color of the actuating element	white
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         metal           color of the front ring         metal           Contract block/ lampholder         ochrome           Socket design         BA 9s with LED           number of lampholders         1           Objestav         number of LED modules           number of LED modules         1           General technical data         Product component           - lamp transformer         Yes           of the operating voltage         AC           - of the operating voltage         AC           - of the operating voltage         AC           - of the terminal         IP20           Supply voltage of the supply voltage of the light source         AC           - rated value         A V           Inputs/ Outputs         AC           output voltage of the supply voltage of the light source         AC           - of the terminal         IP20           Supply voltage of the supply voltage of the light source         AC           - rated value         6 V           o	material of the actuating element	metal mushroom head with plastic lens
Front ring     Yes       product component front ring     Standard       material of the front ring     metal       color of the front ring     metal       color of the front ring     metal       Contract block/ lampholder     Metal       Socket design     BA 9s with LED       number of LED modules     1       Orange to LED modules     1       General tochnical data     Product component       • lamp transformer     Yes       • lamp transformer     Yes       • lamp transformer     Yes       • of the operating voltage     AC       • of the operating voltage     AC       • of the operating voltage     AC       • of the terminal     IP86       • of the terminal     IP80       Supply voltage of the supply voltage of the light source     AC       • of the terminal     SV       values/ of the lamp transformer rated value     AV       • of the terminal     SV       values/ of the supply voltage of the light source     AC       • of the terminal     SV       values/ of voltage of the supply voltage of the light source     AC       • of the lamp transformer rated value     6 V       outputs voltage 1 of the lamp transformer rated value     6 V       orade value     6 V	type of unlocking device	without
product component front ring         Yes           design of the front ring         standard           material of the front ring         chrome           Holder         metal           color of the front ring         chrome           Holder         metal           color of the front ring         chrome           Holder         metarial of the holder           Socket design         BA 9s with LED           number of LED modules         1           Display            number of LED modules         1           General technical data            product component         Yes           • light source         Yes           • of the coperating voltage         AC           • of the torestate supply voltage of the light source         AC           surge voltage resistance rated value         4 kV           protection class IP         IP66           • of the light source at AC at 60 Hz         6 V           supply voltage of the light source         AC           supply voltage of the light source at AC at 60 Hz	number of switching positions	3
design of the front ring     standard       material of the front ring     metal       color of the front ring     chrome       Holder     Metal       Contact block/ lampholder     Socket design       socket design     BA 9s with LED       number of lampholders     1       Display     number of LED modules       number of LED modules     1       General technical data     product component       • lang transformer     Yes       • light source     Yes       degree of pollution     1       type of voltage     AC       • of the toperating voltage of the light source at AC at 60 Hz     IPO60       • rated value     6 V       Input5 Output5     Output voltage       • of of to tape fromer rated value     6 V       Connectional Terminals     Screw-type terminals       • of of electrical connection     screw-type terminals       • of of electrical connection     screw-type terminals   <	Front ring	
metal         metal           color of the front ring         chrome           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         Yes           elight source         Yes           degree of pollution         1           type of voltage         AC           of the input voltage         AC           of the input voltage         AC           of the input voltage         AC           surge voltage resistance rated value         4 kV           protection class IP         IP66           of the input voltage of the light source at AC at 60 Hz            * rated value         6 V           irputy voltage         AC           output voltage of the light source at AC at 60 Hz            • rated value         6 V           inputs of 1 of the lamp transformer rated value         6 V           inputs voltage of the light source at AC at 60	product component front ring	Yes
color of the front ring       chrome         Holder       material of the holder         Contract block/ lampholder       Contract block/ lampholder         socket design       BA 9s with LED         number of LED modules       1         General technical data       Implement         product component       Ves         • light source       Yes         degree of pollution       1         type of voltage       AC         • of the operating voltage       AC         surge voltage resistance rated value       IP20         Supply voltage       AC         • of the terminal       IP20         Supply voltage of the light source at AC at 60 Hz       IPUSO         • or of the light source at AC at 60 Hz       IPUSO         output voltage 1 of the lamp transformer rated value       6 V	design of the front ring	standard
Holder     Metal       Contact block/lampholder     EA 9s with LED       number of lampholders     1       Display     1       number of LED modules     1       General technical data	material of the front ring	metal
material of the holder         Metal           Context block/lampholder         EA9s with LED           number of lampholders         1           Display         1           number of LED modules         1           General technical data         1           product component         •           • light source         Yes           • light source         Yes           • of the operating voltage         AC           • of the operating voltage         AC           • of the operating voltage         AC           • of the input voltage         Surge voltage eresistance rated value           • of the terminal         IP20           Supply voltage         AC           supply voltage of the light source         AC           supply voltage of the light source at AC at 60 Hz         6 V           Inputs/ Outputs         6 V           contections/ Terminals         Screw-type terminals           • of of doltica connection         Screw-type terminals           • of modules and accessories         Scr	color of the front ring	chrome
Contact block/ lampholder           socket design         BA 9s with LED           number of lampholders         1           Display         Interference           number of LED modules         1           General technical data         Interference           product component         Interference           • lamp transformer         Yes           • light source         Yes           degree of pollution         1           type of voltage         AC           • of the input voltage         AC           • of the input voltage         AC           • of the input voltage         AC           surge voltage resistance rated value         4 kV           protection class IP         IP66           • of the light source at AC at 60 Hz         IP20           supply voltage of the light source at AC at 60 Hz         IPuts/ Outputs           output voltage 1 of the lamp transformer rated value         6 V           Inputs/Outputs         6 V           contextines and accessories         Screw-type terminal           tightening torque of the screws in the bracket         20 Nm           tightening torque of the screws in the bracket         20 Nm           tightening torque of the screws in the bracket         2	Holder	
socket design     BA 9s with LED       number of lampholders     1       Display     1       General technical data     1       general technical data     1       product component     1       e 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 light source at AC at 60 Hz     6 V       supply voltage of the light source     AC       supply voltage of the light source at AC at 60 Hz     6 V       rated value     6 V       contections/Terminals     screw-type terminals       output voltage 1 of the lamp transformer rated value     6 V       Connections/Terminals     screw-type terminal       tightening torque of the screws in the bracket     20 N·m       tightening torque of the screw-type terminals     8 8 lbf-in       Lamp     Lamp       type of light source     LED       color of the light source     LED	material of the holder	Metal
number of lampholders       1         Display       1         number of LED modules       1         General technical data	Contact block/ lampholder	
Display       1         General technical data	socket design	BA 9s with LED
number of LED modules       1         General technical data	number of lampholders	1
General technical data         product component         • lamp transformer         • light source         Yes         degree of pollution         1         type of voltage         • of the operating voltage         • of the input voltage         • of the terminal         IP20         Supply voltage of the light source         AC         surge voltage of the light source         AC         supply voltage of the lamp transformer rated value         6 V         Inputs/ Outputs         output voltage 1 of the lamp transformer rated value         6 V	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     AC       surge voltage of the supply voltage of the light source     AC       supply voltage     AC       • of the light source at AC at 60 Hz     6 V       • rated value     6 V       Connections/ Terminals     Screw-type terminals       • of modules and accessories     Screw-type terminals       • of modules and accessories     Screw-type terminal       tightening torque of the screws in the bracket     20 N·m       tightening torque of the screw-type terminals     8 lbrin       tamp     8 lbrin       tightening torque of the light source     LED       color of the light source     white	number of LED modules	1
• lamp transformerYes• light sourceYesdegree of pollution1type of voltage1• of the operating voltageAC• of the input voltageAC• of the input voltageACsurge voltage resistance rated value4 kVprotection class IPIP66• of the terminalIP20Supply voltageCsurge voltage of the light sourceACsupply voltage of the light sourceACsupply voltage of the light source at AC at 60 Hz6 V• rated value6 VInputs/ Outputs6 Vconnections/ TerminalsScrew-type terminals• of modules and accessoriesScrew-type terminalitightening torque of the screws in the bracket20 N·mtightening torque of the screws in the bracket20 N·mtightening torque of the light sourceLEDcolor of the light sourceLEDcolor of the light sourceWhite	General technical data	
• light sourceYesdegree of pollution1type of voltage-• of the operating voltageAC• of the input voltageACsurge voltage resistance rated value4 kVprotection class IPIP66• of the terminalIP20Supply voltage-surge of voltage of the supply voltage of the light sourceACsupply voltage of the light source at AC at 60 Hz-• rated value6 VInputs/ Outputs6 Vconcetions/ TerminalsScrew-type terminalstype of electrical connectionscrew-type terminals• of modules and accessoriesScrew-type terminaltightening torque of the screws in the bracket20 N·mtightening torque [Ibf-in] with screw-type terminals8 8 Ibf-inLampLEDcolor of the light sourceLEDwhite	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       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 light source at AC at 60 Hz       6 V         inputs/ Outputs       6 V         connections/ Terminals       Screw-type terminals         · rated value       6 V         connections/ Terminals       Screw-type terminals         · of modules and accessories       Screw-type terminals         · of modules and accessories       Screw-type terminals         tightening torque [Ibf-in] with screw-type terminals       8 8 Ibf-in         Lamp       LED       voltage         tupe of light source       LED       white	lamp transformer	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         supply voltage of the light source at AC at 60 Hz       6 V         • rated value       6 V         Inputs/ Outputs       6 V         connections/ Terminals       Screw-type terminals         • of modules and accessories       Screw-type terminal         tightening torque of the screws in the bracket       20 N·m         tightening torque [lb/in] with screw-type terminals       8 8 lb/·in         Lamp       LED       white	light source	Yes
• 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         • rated value       6 V         lnputs/ Outputs       6 V         connections/ Terminals       Screw-type terminals         • of modules and accessories       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       LED       white	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         type of 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         • rated value       6 V         connections/ Terminals       5 v         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       LED       vhite	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         • rated value       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V         Connections/ Terminals       screw-type 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       LED         type of light source       LED         volor of the light source       white	<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         Connections/ Terminals       screw-type terminals         type of electrical connection       screw-type terminals         • of modules and accessories       Screw-type terminals         tightening torque of the screws in the bracket       20 N·m         tightening torque (lbf-in] with screw-type terminals       8 8 lbf-in         Lamp       LED         color of the light source       LED         color of the light source       White	<ul> <li>of the input voltage</li> </ul>	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       6 V         • rated value       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V         Connections/ Terminals       screw-type terminals         • of modules and accessories       Screw-type terminals         • of modules and accessories       Screw-type terminals         tightening torque of the screws in the bracket       20 N·m         tightening torque [lbf-in] with screw-type terminals       8 8 lbf-in         Lamp       LED         color of the light source       LED         color of the light source       white	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       6 V         • rated value       6 V         Inputs/ Outputs       6 V         output voltage 1 of the lamp transformer rated value       6 V         Connections/ Terminals       5 crew-type 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       LED         color of the light source       White	protection class IP	IP66
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         Connections/ Terminals       6 V         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       LED         color of the light source       LED         white       white	• of the terminal	IP20
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         Connections/ Terminals       6 V         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       LED         color of the light source       White	Supply voltage	
rated value 6 V Inputs/ Outputs Output voltage 1 of the lamp transformer rated value 6 V 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 LED color of the light source white	type of voltage of the supply voltage of the light source	AC
Inputs/ Outputs       6 V         connections/ Terminals       6 V         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       LED         color of the light source       White		
output voltage 1 of the lamp transformer rated value       6 V         Connections/Terminals       5         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       LED         color of the light source       White	rated value	6 V
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       LED         color of the light source       White	Inputs/ Outputs	
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       LED         toolor of the light source       White	output voltage 1 of the lamp transformer rated value	6 V
• 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         toolor of the light source       LED         white       white	Connections/ Terminals	
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         tool of the light source       LED         white       the source	type of electrical connection	screw-type terminals
tightening torque [lbf·in] with screw-type terminals     8 8 lbf·in       Lamp     type of light source       top of the light source     LED       white	<ul> <li>of modules and accessories</li> </ul>	Screw-type terminal
Lamp     LED       type of light source     white	tightening torque of the screws in the bracket	20 N·m
type of light source     LED       color of the light source     white	tightening torque [lbf·in] with screw-type terminals	8 8 lbf·in
color of the light source white	Lamp	
	type of light source	LED
Safety related data	color of the light source	white
	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=US2:52PP3JBXB Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52PP3JBXB Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/WV/CAXorder/default.aspx?lang=en&mlfb=US2:52PP3JBXB Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)	

last modified:

5/31/2021 🖸