## **SIEMENS**

Data sheet US2:52BP2H5XB



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Illuminated Push-Pull Operator Transformer type, 240V AC LED Lamp Mushroom Head Cap Small 1 3/4" (44.5 mm) Metal, Black with Blue Lens 2 Position Maintained, Pull-to-Release UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

| number of command points 1 delivery state as a kit No  Actuator  product extension optional light source Yes material of the actuating element metal mushroom head with plastic lens type of unlocking device pull-to-unlatch mechanism number of switching positions 2  Pront ring product component front ring Yes design of the front ring metal material of the front ring metal color of the front ring half with the product of the front ring metal color of the front ring metal color of the front ring half with the product of the front ring metal color of the front ring half with the product of the produ | 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  mumber of switching positions  2  Front ring  product component front ring  design of the front ring  whela  color of the front ring  Holder  material of the holder  Contact block/ lampholder  socket design  number of LED modules  1  Conract LED modules  4  Contact Biock / lampholder  AC  Lempholders  1  Lempholders | Enclosure   |                                       |  |
| Actuator  product extension optional light source  | number of command points                                  | 1                                     |  |
| product extension optional light source material of the actuating element type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring material of the holder Contact block/ lampholder socket design number of LED modules General technical data product component    lamp transformer   Yes   lamp transformer   Yes   lamp transformer   Yes   degree of pollution   type of voltage   of the loperating voltage   AC   surply voltage   type of voltage of the supply voltage of the light source   type of voltage of the light source at AC at 60 Hz   erable voltage   type of voltage   type of voltage   to the light source at AC at 60 Hz   erable voltage   type of voltage   type of voltage   type of voltage of the light source at AC at 60 Hz   erable voltage   type of voltage of the light source at AC at 60 Hz   erable voltage   type of voltage of the light source at AC at 60 Hz   erable voltage   type of voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of the light source at AC at 60 Hz   erable voltage of th | delivery state as a kit                                   | No                                    |  |
| material of the actuating element type of unlocking device pull-to-unlatch mechanism number of switching positions 2  Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder  Contact block/ lampholder socket design number of lampholders 1  Display number of LED modules 1  General technical data product component   light source   Yes   | Actuator  |                                       |  |
| type of unlocking device number of switching positions 2  product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder Metal Contact block/ lampholder socket design BA 9s with LED number of LED modules 1  General technical data product component elight source flight source flight source yes degree of pollution type of voltage of the input voltage surge voltage resistance rated value yes at 6 V  supply voltage of the supply voltage of the light source supply voltage of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract source of the light source at AC at 60 Hz eract voltage of the lamp transformer rated value output voltage of the lamp transformer rated value output voltage 1 of the lamp transformer rated value output voltage 1 of the lamp transformer rated value output voltage 1 of the lamp transformer rated value Connections/ Terminals  | 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 |  |
| Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder  Metal Contact block/ lampholder socket design number of lampholders 1 Display number of LED modules 1 General technical data product component  | type of unlocking device                                  | pull-to-unlatch mechanism             |  |
| product component front ring standard material of the front ring metal color of the front ring black  Holder block   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    Seneral technical data    product component    • lamp transformer   Yes    • light source   Yes    degree of pollution   1    type of voltage   AC    surge voltage resistance rated value   4 kV    protection class IP   IP66    • of the terminal    Supply voltage    type of voltage    voltage of the supply voltage of the light source    Light source   AC    surge voltage of the supply voltage of the light source    Light source   AC    surge voltage of the supply voltage of the light source    Light source   AC    supply voltage    Light source   AC    supply voltage    Light source at AC at 60 Hz    • rated value   6 V    Connections/ Terminals  | number of switching positions                             | 2                                     |  |
| design of the front ring metal color of the front ring black Holder material of the holder Metal  Contact block/ lampholder socket design BA 9s with LED number of lampholders 1  Display number of LED modules 1  General technical data product component elight source Yes degree of pollution 1  type of voltage of the operating voltage AC surge voltage resistance rated value protection class IP of the terminal source AC supply voltage of the light source at AC at 60 Hz rated of the lamp transformer AC surge voltage 1 of the lamp transformer AC supply voltage of the light source at AC at 60 Hz rated value 6 V Connections/ Terminals   | Front ring  |                                       |  |
| material of the front ring black  Holder  material of the holder Metal  Contact block/ lampholder  socket design BA 9s with LED  number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer Yes • light source Yes • degree of pollution 1  type of voltage  • of the operating voltage AC  surge voltage resistance rated value 4 kV  protection class IP IP66 • of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC  supply voltage of the light source at AC at 60 Hz • rated value  output voltagus 1 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 Metal  Contact block/ lampholder  socket design BA 9s with LED  number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer Yes • light source Yes  degree of pollution 1  type of voltage • of the operating voltage AC  surge voltage resistance rated value 4 kV  protection class IP • 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  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals  | design of the front ring                                  | standard                              |  |
| material of the holder  Contact block/ Iampholder  socket design BA 9s with LED number of lampholders 1  Display number of LED modules 1  General technical data product component   | material of the front ring                                | metal                                 |  |
| material of the holder  Contact block/ lampholder  socket design number of lampholders  1  Display  number of LED modules 1  General technical data  product component • lamp transformer • light source • 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 light source at AC at 60 Hz • rated value    Popular outputs  | color of the front ring                                   | black                                 |  |
| Socket design  number of lampholders  Display  number of LED modules  1  General technical data  product component    lamp transformer   Yes     light source   Yes     degree of pollution   1  type of voltage    of the operating voltage   AC     of the input voltage   AC     surge voltage resistance rated value   4 kV     protection class IP   IP66     of the terminal   IP20    Supply voltage   type of voltage of the light source   AC     surge 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     rated value   6 V     Inputs/ Outputs     output voltage 1 of the lamp transformer rated value   6 V     Connections/ Terminals   | Holder  |                                       |  |
| socket design number of lampholders  Display  number of LED modules  1  General technical data  product component  | material of the holder                                    | Metal                                 |  |
| number of lampholders 1  Display  number of LED modules 1  General technical data  product component  • lamp transformer Yes  • light source Yes  degree of pollution 1  type of voltage  • of the operating voltage AC  • of the input voltage AC  surge voltage resistance rated value 4 kV  protection class IP IP66  • of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC  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 1  General technical data  product component  • lamp transformer Yes • light source Yes  degree of pollution 1  type of voltage  • of the operating voltage AC  • of the input voltage AC  surge voltage resistance rated value 4 kV  protection class IP • of the terminal IP20  Supply voltage of the supply voltage of the light source AC  supply voltage of the light source at AC at 60 Hz • rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals  | socket design   | BA 9s with LED                        |  |
| number of LED modules  General technical data  product component  • 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  Connections/ Terminals   | number of lampholders                                     | 1                                     |  |
| General technical data  product component  • lamp transformer Yes • light source Yes degree of pollution 1  type of voltage • of the operating voltage AC • of the input voltage AC surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20  Supply voltage type of voltage of the supply voltage of the light source AC supply voltage of the light source at AC at 60 Hz • rated value 6 V  Inputs/ Outputs output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals   | Display   |                                       |  |
| product component  Impuration is a lamp transformer  Impursor is a lamp transformer rated value  Impursor  | number of LED modules                                     | 1                                     |  |
| <ul> <li>lamp transformer</li> <li>light source</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>IP66</li> <li>of the terminal</li> <li>IP20</li> </ul> Supply voltage type of voltage of the supply voltage of the light source <ul> <li>AC</li> <li>supply voltage of the light source at AC at 60 Hz</li> <li>rated value</li> <li>rated value</li> <li>output voltage 1 of the lamp transformer rated value</li> <li>Connections/ Terminals</li> </ul>  | General technical data                                    |                                       |  |
| ilight source     degree of pollution     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 supply voltage of the light source         AC supply voltage of the light source at AC at 60 Hz  | 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  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals   | <ul> <li>lamp transformer</li> </ul>                      | Yes                                   |  |
| type of voltage  of the operating voltage AC  of the input voltage AC  surge voltage resistance rated value  protection class IP of the terminal IP20  Supply voltage  type of voltage of the supply voltage of the light source AC  supply voltage of the light source at AC at 60 Hz rated value  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  Connections/ Terminals  | • 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  | 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  Inputs/ 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 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  | 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  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value  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  |                                       |  |
| ● rated value 6 V  Inputs/ Outputs  output voltage 1 of the lamp transformer rated value 6 V  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         |                                       |  |
| output voltage 1 of the lamp transformer rated value 6 V  Connections/ Terminals   | rated value   | 6 V                                   |  |
| Connections/ Terminals   | Inputs/ Outputs   |                                       |  |
|  | output voltage 1 of the lamp transformer rated value      | 6 V                                   |  |
| type of electrical connection screw-type terminals   | Connections/ Terminals                                    |                                       |  |
|  | type of electrical connection                             | screw-type terminals                  |  |

| <ul> <li>of modules and accessories</li> </ul>       | Screw-type terminal |  |
|--|---------------------|--|
| tightening torque of the screws in the bracket       | 20 N·m              |  |
| tightening torque [lbf·in] with screw-type terminals | 8 8 lbf·in          |  |
| Lamp   |                     |  |
| type of light source                                 | LED                 |  |
| color of the light source                            | blue                |  |
| Safety related data                                  |                     |  |
| 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               |  |
| 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=US2:52BP2H5XB

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BP2H5XB

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52BP2H5XB

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52BP2H5XB&lang=en

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