



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit  
Illuminated Twist-to-Release Full Voltage, 12V AC/DC Incandescent Lamp  
Mushroom Head Cap Small 1.79" (45 mm) Plastic Cap, Red 2 Position Maintained,  
Twist-to-Release with 1 N.O. - 1 N.C. Heavy Duty Contacts, A600/P600 UL Listed,  
CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

| Enclosure                                                     |                             |
|---------------------------------------------------------------|-----------------------------|
| number of command points                                      | 1                           |
| delivery state as a kit                                       | No                          |
| Actuator                                                      |                             |
| product extension optional light source                       | Yes                         |
| material of the actuating element                             | plastic                     |
| number of contact modules                                     | 1                           |
| type of unlocking device                                      | rotate-to-unlatch mechanism |
| number of switching positions                                 | 2                           |
| Front ring                                                    |                             |
| product component front ring                                  | Yes                         |
| design of the front ring                                      | standard                    |
| material of the front ring                                    | metal                       |
| color of the front ring                                       | black                       |
| Holder                                                        |                             |
| material of the holder                                        | metal                       |
| Contact block/ lampholder                                     |                             |
| number of lampholders                                         | 1                           |
| Display                                                       |                             |
| number of LED modules                                         | 0                           |
| General technical data                                        |                             |
| product function positive opening                             | Yes                         |
| product component                                             |                             |
| • lamp transformer                                            | No                          |
| • light source                                                | Yes                         |
| type of voltage                                               |                             |
| • of the operating voltage                                    | AC/DC                       |
| • of the input voltage                                        | AC/DC                       |
| surge voltage resistance rated value                          | 4 kV                        |
| protection class IP                                           | IP66                        |
| protection class IP of the terminal                           | IP20                        |
| thermal current                                               | 10 A                        |
| Net Weight                                                    | 0.23 kg                     |
| 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 rated value |                             |
| •                                                             | 12 V                        |
| supply voltage of the light source at DC rated value          |                             |
| •                                                             | 12 V                        |

|                                                        |                |
|--------------------------------------------------------|----------------|
| <b>Auxiliary circuit</b>                               |                |
| number of NC contacts for auxiliary contacts           | 1              |
| number of NO contacts for auxiliary contacts           | 1              |
| operational current at AC-15                           |                |
| • at 110 V rated value                                 | 60 A           |
| • at 230 V rated value                                 | 30 A           |
| • at 400 V rated value                                 | 15 A           |
| • at 500 V rated value                                 | 12 A           |
| <b>Connections/ Terminals</b>                          |                |
| type of electrical connection                          | screw terminal |
| tightening torque of the screws in the bracket maximum | 20 N·m         |
| tightening torque [lbf·in] with screw-type terminals   | 8 lbf·in       |
| <b>Lamp</b>                                            |                |
| color of the light source                              | clear          |
| <b>Ambient conditions</b>                              |                |
| ambient temperature                                    |                |
| • during operation                                     | -35 ... +70 °C |
| • during storage                                       | -40 ... +85 °C |
| <b>Installation/ mounting/ dimensions</b>              |                |
| shape of the installation opening                      | round          |
| <b>Further information</b>                             |                |

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

**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=US2:52BR8CRA>

**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52BR8CRA>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:52BR8CRA>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:52BR8CRA&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52BR8CRA&lang=en)



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