



COMPONENT FOR ENCLOSURE,  
22MM LAMP HOLDER WITH INTEGRATED LED 230V AC  
RATED VOLTAGE 230V AC SCREW TERMINAL RED

| General technical details:                                     |    |               |
|--|----|---------------|
| <b>product designation</b>                                     |    | lampholder    |
| <b>Degree of pollution</b>                                     |    | class 3       |
| <b>Insulation voltage / rated value</b>                        | V  | 250           |
| <b>Impulse voltage resistance / rated value</b>                | kV | 4             |
| <b>Protection against electrical shock</b>                     |    | finger-safe   |
| <b>Type of voltage</b>   |    |               |
| • of the operating voltage                                     |    | AC            |
| • of the supply voltage / of the fluorescent material          |    | AC            |
| <b>Operating voltage</b>                                       |    |               |
| • 1 / at 50 Hz / for AC / rated value                          | V  | 230           |
| • 1 / at 60 Hz / for AC / rated value                          | V  | 230           |
| <b>Supply voltage / 1 / of the fluorescent material</b>        |    |               |
| • at 60 Hz / for AC / rated value                              | V  | 230           |
| • at 50 Hz / for AC / rated value                              | V  | 230           |
| <b>Number of NC contacts / for auxiliary contacts</b>          |    | 0             |
| <b>Number of NO contacts / for auxiliary contacts</b>          |    | 0             |
| <b>Number of change-over switches / for auxiliary contacts</b> |    | 0             |
| <b>Suitability for integration</b>                             |    | front element |
| • suspension pushbutton  |    | Yes           |

|   |  |     |
|---|--|-----|
| <ul style="list-style-type: none"> <li>• pressure selection button</li> <li>• front element</li> <li>• suspension switch</li> </ul>                                 |  | Yes |
|   |  | Yes |
|   |  | Yes |
| <b>Item designation</b>   |  |     |
| <ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> <li>• according to DIN EN 61346-2</li> </ul> |  | H   |
|   |  | P   |

### Mechanical design:

|   |     |                      |
|---|-----|----------------------|
| <b>Design of the electrical connection</b>  |     | screw-type terminals |
| <b>Tightening torque / for auxiliary contacts / with screw-type terminals</b>                       | N·m | 0.8                  |
| <b>Operating cycles / maximum</b>   | 1/h | 1,000                |
| <b>Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical</b> |     | 100,000,000          |
| <b>Mechanical operating cycles as operating time / typical</b>                                      |     | 10,000,000           |
| <b>Protection class IP</b>  |     | IP20                 |
| <b>protection class IP / of the housing</b>   |     | IP40                 |
| <b>Type of mounting</b>   |     | floor mounting       |
| <b>Product component</b>  |     |                      |
| <ul style="list-style-type: none"> <li>• fluorescent materials</li> </ul>                           |     | Yes                  |
| <ul style="list-style-type: none"> <li>• diode</li> </ul>   |     | Yes                  |
| <ul style="list-style-type: none"> <li>• series resistance</li> </ul>                               |     | No                   |
| <ul style="list-style-type: none"> <li>• lamp transformer</li> </ul>                                |     | No                   |
| <b>Execution of the mounting</b>  |     | integrated           |
| <b>Nature of fluorescent material</b>   |     | LED                  |
| <b>Width</b>  | mm  | 10                   |
| <b>Height</b>   | mm  | 49                   |
| <b>Depth</b>  | mm  | 47                   |
| <b>Color / of the fluorescent material</b>  |     | red                  |

### Connections:

|   |  |  |
|---|--|--|
| <b>Type of the connectable conductor cross-section</b>  |  |  |
| <ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>• solid <ul style="list-style-type: none"> <li>• with conductor end processing</li> </ul> </li> <li>• finely stranded <ul style="list-style-type: none"> <li>• with conductor end processing</li> </ul> </li> </ul> </li> <li>• for AWG conductors / for auxiliary contacts</li> </ul> |  | 2x (1 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 0.75 mm <sup>2</sup> )<br><br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (18 ... 14) |

### Ambient conditions:

|                            |  |  |
|----------------------------|--|--|
| <b>ambient temperature</b> |  |  |
|----------------------------|--|--|

- during the operating phase

°C -25 ... 70

### Certificates/approvals:

#### Verification of suitability

CSA / UL / CCC

#### General Product Approval

#### Test Certificates

#### other



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[Manufacturer](#)

[Manufacturer](#)

### Further information:

#### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

#### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

#### CAX-Online-Generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3420-1RB/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3420-1RB](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3420-1RB)

last change:

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