

Product data sheet

3SB3420-1RE



General technical details:

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

| Pressure selection button | Yes |
|--|-----|
| Front element | Yes |
| Suspension button | Yes |
| Item designation | |
| according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 | н |
| according to DIN EN 61346-2 | Р |

Mechanical design:

| Design of the electrical connectionscrew-type terminalsTightening torque / for auxiliary contacts / with screw-type erminalsN:m0.8Operating cycles / maximum1/h1,000Deprating cycles as operating time / with contactors SRT1015 to 3RT1026 / typical10,000,000Mechanical operating cycles as operating time / typical0.000,000Protection class IP10.000,000Protection class IP / of the housingIP20Protection class IP / of the housingIR4Fridurescent materialsIP40• Fluorescent materialsYes• Fluorescent materialsYes• Series resistanceIN• Lamp transformerICNature of fluorescent materialImageNature of fluorescent materialImagePopthImageCopr / of the fluorescent materialImageIma | | | |
|---|---|-----|----------------------|
| terminalsImage: constraint of the mounting cycles / maximumImage: constraint of the mounting cycles as operating time / with contactors art 1015 to aRT1026 / typical1/h1,000,000Bechanical operating cycles as operating time / typicalImage: constraint of typical10,000,000Mechanical operating cycles as operating time / typicalImage: constraint of typicalImage: constraint of typicalMechanical operating cycles as operating time / typicalImage: constraint of typicalImage: constraint of typicalMechanical operating cycles as operating time / typicalImage: constraint of typicalImage: constraint of typicalMechanical operating cycles as operating time / typicalImage: constraint of typicalImage: constraint of typicalMechanical operating cycles as operating time / typicalImage: constraint of typicalImage: constraint of typicalMechanical operating cycles as operating time / typicalImage: constraint of typicalImage: constraint of typicalProtection class IP / of the housingImage: constraint of the mountingImage: constraint of the mountingProduct componentImage: constraint of the mountingImage: constraint of the mountingImage: constraint of the mountingImage: constraint of the mountingImage: constraint of the mountingNature of fluorescent materialImage: constraint of the mountingImage: constraint of the mountingMidthImage: constraint of the mountingImage: constraint of the mountingHeightImage: constraint of the mountingImage: constraint of the mountingHeightImage: constraint of the mounting< | Design of the electrical connection | | screw-type terminals |
| Flectrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical100,000,000Mechanical operating cycles as operating time / typical10,000,000Protection class IPIP20Protection class IP / of the housingIP40Type of fixing/fixationIO0 mountingProduct componentIVE• Fluorescent materialsYes• DiodeNo• Series resistanceNo• lamp transformerINONature of fluorescent materialIEDWidthmmHeightmmJepthmmAttacted fluorescent materialmmItalianIO0ItalianIO0ItalianIO0ItalianICD< | | N∙m | 0.8 |
| 3RT 1015 to 3RT 1026 / typicalIndext and set of the set of typicalMechanical operating cycles as operating time / typical10,000,000Protection class IPIP20Protection class IP / of the housingIP40Type of fixing/fixationIoor mountingProduct componentYes• Fluorescent materialsYes• DiodeNo• Series resistanceNo• lamp transformerImage and the mountingNature of fluorescent materialImage and the mountingNature of fluorescent materialImage and the mountingWidthmmHeightmmAttract of fluorescent materialImage and the mountingWidthmmImage and the mountingImage an | Operating cycles / maximum | 1/h | 1,000 |
| Protection class IPIP20Protection class IP / of the housingIP40Type of fixing/fixationfloor mountingProduct componentYes• Fluorescent materialsYes• DiodeYes• Series resistanceNo• lamp transformerNoExecution of the mountingIntegratedNature of fluorescent materialMmWidthMmHeightMmDepthmmAttackMm< | | | 100,000,000 |
| Protection class IP / of the housingIP40Type of fixing/fixationfloor mountingProduct componentfloor mounting• Fluorescent materialsYes• DiodeYes• Series resistanceNo• lamp transformerNoExecution of the mountingIntegratedNature of fluorescent materialMmWidthMmHeightMmDepthMmArticle Series resistanceMmItem transformerMmItem transformerMm< | Mechanical operating cycles as operating time / typical | | 10,000,000 |
| Type of fixing/fixationfloor mountingProduct componentImage: Fluorescent materials• Fluorescent materialsYes• DiodeYes• Series resistanceNo• lamp transformerNoExecution of the mountingImage: Fluorescent materialNature of fluorescent materialImage: Fluorescent materialWidthMomHeightMmDepthMmAttackMmImage: Fluorescent materialMmImage: Fluorescent materialMmImage: Fluorescent materialMmImage: Fluorescent materialMmImage: Fluorescent materialImage: Fluore | Protection class IP | | IP20 |
| Product componentImage: Component• Fluorescent materialsYes• DiodeYes• Series resistanceNo• lamp transformerNoExecution of the mountingImage: ComponentNature of fluorescent materialImage: ComponentWidthImage: ComponentHeightImage: ComponentDepthImage: Component | Protection class IP / of the housing | | IP40 |
| • Fluorescent materialsYes• DiodeYes• Series resistanceNo• lamp transformerIExecution of the mountingINature of fluorescent materialIWidthImmHeightImmDepthImm47 | Type of fixing/fixation | | floor mounting |
| • DiodeYes• Series resistanceNo• lamp transformerNo Execution of the mounting IntegratedNature of fluorescent materialLEDWidthmmHeightMmDepthmm47 | Product component | | |
| • Series resistanceNo• lamp transformerNoExecution of the mountingIntegratedNature of fluorescent materialLEDWidthMmHeightMmDepthMm | Fluorescent materials | | Yes |
| • lamp transformerNoExecution of the mountingintegratedNature of fluorescent materialIWidthMmHeightMmDepthMmMaterialMm </th <th>• Diode</th> <td></td> <td>Yes</td> | • Diode | | Yes |
| Execution of the mountingintegratedNature of fluorescent materialICDWidthImmHeightImmDepthImm | Series resistance | | No |
| Nature of fluorescent materialImage: Constraint of the second | lamp transformer | | No |
| Widthmm10Heightmm49Depthmm47 | Execution of the mounting | | integrated |
| Height mm 49 Depth mm 47 | Nature of fluorescent material | | LED |
| Depth mm 47 | Width | mm | 10 |
| | Height | mm | 49 |
| Color / of the fluorescent material white | Depth | mm | 47 |
| | Color / of the fluorescent material | | white |

Connections:

| Type of connectable conductor cross section | | |
|---|-------------------|--|
| for auxiliary contacts | | |
| • solid | 2x (1 1.5 mm2) | |
| with wire end processing | 2x (0.5 0.75 mm2) | |
| finely stranded | | |
| with wire end processing | 2x (0.5 1.5 mm2) | |
| for AWG conductors / for auxiliary contacts | 2x (18 14) | |
| Ambient conditions: | | |
| Ambient temperature | | |

| during the operating phase | °C | 7025 |
|--|----|------------|
| Certificates/approvals: | | |
| verification of suitability | | CSA/UL/CCC |
| Further information: | | |
| Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/industrial-controls/catalogs | | |
| Global Industry Mall (Online ordering system) http://www.siemens.com/industrial-controls/mall | | |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.automation.siemens.com/WW/view/en/3SB3420-1RE/all | | |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3420-1RE | | |

last change:

Jun 14, 2010