

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
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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:

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