SIEMENS

Product data sheet



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

		1.4.91.
General	technical	details:

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 contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		0
Suitability for integration		front element
suspension pushbutton		Yes

pressure selection button	Yes	
front element	Yes	
suspension switch	Yes	
Item designation		
 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 	н	
according to DIN EN 61346-2	P	

Mechanical design:

Design of the electrical connectionImage: screw-type terminalsTightening torque / for auxiliary contacts / with screw-type erminalsN:m0.8Operating cycles / maximum1/h1.000Derating cycles as operating time / with contactors SRT1015 to 3RT1026 / typical0.000,000Mechanical operating cycles as operating time / typical0.000,000Protection class IPImage: screw-type terminalsProtection class IP / of the housingImage: screw-type terminalsProtection class IP / of the housingImage: screw-type terminalsProduct component • screws resistanceImage: screws terminals• fluorescent materials • screws resistanceYes• claudeImage: screws terminals• claudeImage			
terminalsImage: constraint of the second of the mountingOperating cycles / maximum1/h1,000Electrical operating cycles as operating time / with contactors art 1026 / typical10,000,000Mechanical operating cycles as operating time / typical10,000,000Protection class IP10,000,000protection class IP / of the housingIP20protection class IP / of the housingIP40Type of mountingIP40Product componentImage: constraint of the mounting•fluorescent materialsImage: constraint of the mounting•series resistanceImage: constraint of the mounting•lamp transformerImage: constraint of the mountingNature of fluorescent materialImage: constraint of the mountingNature of fluorescent materialImage: constraint of the mountingNature of fluorescent materialImage: constraint of the mountingNeithImage: constraint of the mountingNature of fluorescent materialImage: constraint of the mountingNeithImage: constraint of the m	Design of the electrical connection		screw-type terminals
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3RT1015 to 3RT1026 / typicalImage: section class if and section clas	Operating cycles / maximum	1/h	1,000
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protection class IP / of the housingIP40Type of mountingIfoor mountingProduct componentIfoor mounting• fluorescent materialsYes• diodeYes• series resistanceNo• lamp transformerNoExecution of the mountingIfoor mountingNature of fluorescent materialImmWidthImmHeightImmDepthImm	Mechanical operating cycles as operating time / typical		10,000,000
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Product componentImage: Component• fluorescent materialsYes• diodeYes• series resistanceNo• lamp transformerNoExecution of the mountingImage: ComponentNature of fluorescent materialImage: ComponentWidthMomHeightMmDepthMmImage: ComponentImage:	protection class IP / of the housing		IP40
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• diodeYes• series resistanceNo• lamp transformerNoExecution of the mountingIntegratedNature of fluorescent materialIEDWidthInmHeightInmDepthInmIntegratedIntegratedInteg	Product component		
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• lamp transformerNoExecution of the mountingintegratedNature of fluorescent materialIWidthImmHeightImmDepthImm	• diode		Yes
Execution of the mountingintegratedNature of fluorescent materialIWidthImmHeightImmDepthImm	series resistance		No
Nature of fluorescent materialLEDWidthnm10Heightnm49Depthnm47	lamp transformer		No
Widthnmm10Heightnmm49Depthnmm47	Execution of the mounting		integrated
Heightmm49Depthmm47	Nature of fluorescent material		LED
Depth mm 47	Width	mm	10
	Height	mm	49
Color / of the fluorescent material red	Depth	mm	47
	Color / of the fluorescent material		red

Connections:	
Type of the connectable conductor cross-section	
for auxiliary contacts	
• solid	2x (1 1.5 mm2)
with conductor end processing	2x (0.5 0.75 mm2)
finely stranded	
with conductor 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 -25 .	70
Certificates/approvals:		
Verification of suitability	CSA	/ UL / CCC
General Product Approval	Test Certificates	other
SP ROSTEST	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		

last change:

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