SIEMENS

Data sheet

3SU1401-1BH50-3AA0

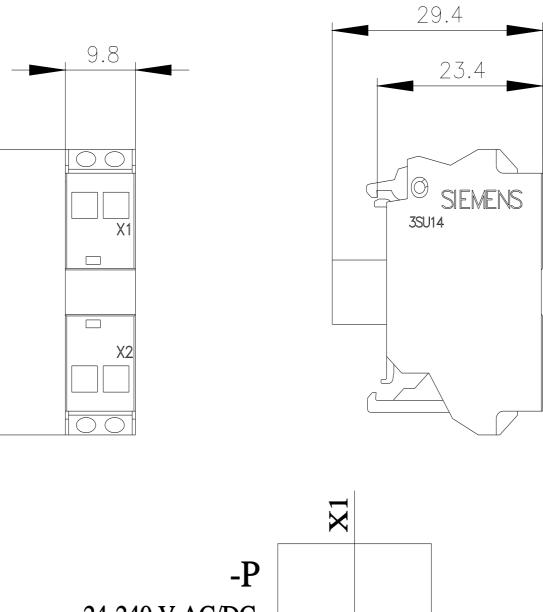


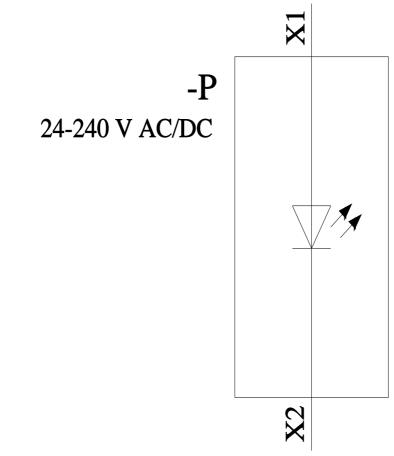
LED module with integrated LED, 24-240 V AC/DC, blue, spring-type terminal, for front plate mounting

product component Ves • Idode Yes • lamp transformer No • light source Yes • series resistor No Insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC • for actuation AC/DC surge voltage resistance rated value 4 kV consumed current maximum 20 mA protection class IP IP40 • of the enclosure IP40 • according to IEC 60068-2-6 I0 500 Hz; 5g • of ralway applications according to EN 61373 Category 1, Class B operating polid typical 100 000					
product type designation 3SU1 General technical data	product brand name	SIRIUS ACT			
Construction Description product component * • diode Yes • lamp transformer No • light source Yes • series resistor No Insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC • for actuation AC/DC • for actuation resistance IP40 • according to IEC 60068-27 sinusoidal half-wave 15g / 11 ms • for raliway applications according to EN 1373 Categor	product designation	LED module			
product component Ves • Idode Yes • lamp transformer No • light source Yes • series resistor No Insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC • for actuation AC/DC surge voltage resistance rated value 4 kV consumed current maximum 20 mA protection class IP IP40 • of the enclosure IP40 • according to IEC 60068-2-6 I0 500 Hz; 5g • of ralway applications according to EN 61373 Category 1, Class B operating polid typical 100 000	product type designation	3SU1			
• diodeYes• lamp transformerNo• lamp transformerNo• light sourceSeries resistor• series resistorNoInsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DC• for actuationAC/DCsurge voltage resistance rated value4 KVconsumed current maximum20 mA• of the enclosureIP40• of the enclosureIP40• of the terminalIP20shock resistanceCategory 1, Class Bvibration resistanceCategory 1, Class Bvibration resistance00 0h• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating period typical100 000 h• according to IEC 81346-2PSubstance Prohibitance (Date)24240 V• at AC	General technical data				
• lamp transformerNo• light sourceYes• series resistorNoInsultation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DC• for actuationAC/DC• for actuationAC/DC• for actuationAC/DC• for actuationAC/DCconsumed current maximum20 mAprotection class IPIP40• of the terminalIP20shock resistanceIP20• for railway applications according to EN 61373Category 1, Class B• for railway applications according to EN 61373Category 1, Class B• according to IEC 60068-2-810500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B• perating period typical100 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)1001/2014• at AC-• at 50 Hz rated value24240 V• at CAC-• at CAC24240 V• at CAC24240 V• at DC rated value24240 V• at DC rated value24240 V• at DC rated value30 %Connectionel Terminals3AConnectionel Terminals3AConnectionel Terminals3A	product component				
• light sourceYes• series resistorNoInsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DC• for actuationAC/DCsurge voltage resistance rated valueALVconsume d current maximum20 mAprotection class IPIP40• of the terminalIP20shock resistanceIP20shock resistancesinusoidal half-wave 15g / 11 ms• of ror railway applications according to EN 61373Category 1, Class BVibration resistanceI• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating period typical100 000 hreference code according to EN 61373Category 1, Class Boperating voltagePsubstance Prohibitance (Date)100/12014operating voltage24 240 V- at 60 Hz rated value24 240 V- at 60 Hz rated value20 %relative negative tolerance of the operating voltage20 %control circuit/ Control30 %control circuit/ Control30 %control circuit/ Control54consections/ Torminals54	• diode	Yes			
series resistor No Insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC • for actuation AC/DC surge voltage resistance rated value 4 kV consumed current maximum 20 mA protection class IP IP40 • of the enclosure IP40 • of the ferminal IP20 shock resistance sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 Sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance In	lamp transformer	No			
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• of the terminalIP20shock resistancesinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance• for railway applications according to EN 61373Category 1, Class Boperating voltage according to EN 61373Category 1, Class B• for railway applications according to EN 61373Category 1, Class Boperating period typical100 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)10/01/2014operating voltage-• at AC24 240 V- at 50 Hz rated value24 240 V- at 60 Hz rated value24 240 V• at DC rated value20 %relative positive tolerance of the operating voltage20 %relative negative tolerance of the operating voltage3 AControl circuit/ Controlturnet maximum3 AConnections/ Terminals	protection class IP				
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Substance Prohibitance (Date) 10/01/2014 operating voltage 10/01/2014 • at AC - at 50 Hz rated value - at 60 Hz rated value 24 240 V • at DC rated value 24 240 V relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 30 % Control circuit/ Control 3 A tirrush current maximum 3 A Connections/ Terminals spring-loaded terminals	operating period typical	100 000 h			
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• at DC rated value 24 240 V relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 30 % Control circuit/ Control 3 A inrush current maximum 3 A Connections/ Terminals spring-loaded terminals	— at 50 Hz rated value	24 240 V			
relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 30 % Control circuit/ Control 3 A inrush current maximum 3 A Connections/ Terminals spring-loaded terminals	— at 60 Hz rated value	24 240 V			
relative negative tolerance of the operating voltage 30 % Control circuit/ Control 30 % inrush current maximum 3 A Connections/ Terminals spring-loaded terminals	at DC rated value	24 240 V			
Control circuit/ Control inrush current maximum 3 A Connections/ Terminals type of electrical connection spring-loaded terminals	relative positive tolerance of the operating voltage	20 %			
inrush current maximum 3 A Connections/ Terminals 3 A type of electrical connection spring-loaded terminals	relative negative tolerance of the operating voltage	30 %			
Connections/ Terminals type of electrical connection spring-loaded terminals	Control circuit/ Control				
type of electrical connection spring-loaded terminals	inrush current maximum	3 A			
	Connections/ Terminals				
type of connectable conductor cross-sections	type of electrical connection	spring-loaded terminals			
	type of connectable conductor cross-sections				
• solid without core end processing 2x (0.25 1.5 mm ²)	 solid without core end processing 	2x (0.25 1.5 mm²)			

 finely stranded with core end prod 	cessing	2x (0.25 0.75 mm²)			
finely stranded without core end processing		2x (0.25 1.5 mm ²)			
• for AWG cables		2x (24 16)			
amp					
type of light source		LED			
color of the light source		blue			
light intensity		280 710 mcd			
certificate of suitability					
• ATEX		No			
• IECEx		No			
mbient conditions					
ambient temperature					
• during operation		-25 +70 °C			
during storage		-40 +80 °C			
environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)			
stallation/ mounting/ dimensions					
astening method					
of modules and accessories		Front plate mounting			
height		36 mm			
width		9.8 mm			
depth		29.4 mm			
suitability for integration					
 plastic enclosure 		Yes			
metal enclosure		Yes			
CSA CCC	Tech Ouriffeet	UL		RCM	
Declaration of Conformity	Test Certificat	es	Marine / Shipping		
CE UK EG-Konf. UK	<u>Type Test Ce</u> <u>ates/Test Re</u>		ABS	Lloyds Register uxs	
Marine / Shipping	other	Environment			
PRS RINA	Confirmatio	on <u>Environmental Con</u> <u>firmations</u>			
Siemens has decided to exit the Russ https://press.siemens.com/global/en/pre Siemens is working on the renewal o Please contact your local Siemens offic EAC relevant market (other than the sai nformation on the packaging	essrelease/siemens-wind-de f the current EAC certific e on the status of validity of nctioned EAEU member sta	ates. f the EAC certification if you inter	nd to import or offer to sup	ply these products to	
Siemens has decided to exit the Russ tttps://press.siemens.com/global/en/pre Siemens is working on the renewal o Please contact your local Siemens offic EAC relevant market (other than the sai nformation on the packaging https://support.industry.siemens.com/cs nformation- and Downloadcenter (Ca https://www.siemens.com/ic10	strelease/siemens-wind-du f the current EAC certific e on the status of validity of nctioned EAEU member sta ww/en/view/109813875 atalogs, Brochures,)	ates. f the EAC certification if you inter	nd to import or offer to sup	ply these products to	
Siemens has decided to exit the Russ https://press.siemens.com/global/en/pre- Siemens is working on the renewal o Please contact your local Siemens office EAC relevant market (other than the sam nformation on the packaging https://support.industry.siemens.com/cs nformation- and Downloadcenter (Ca https://www.siemens.com/ic10 ndustry Mall (Online ordering system	essrelease/siemens-wind-de f the current EAC certific: e on the status of validity of nctioned EAEU member sta <u>alww/en/view/109813875</u> atalogs, Brochures,) n)	ates. f the EAC certification if you inter ates Russia or Belarus).	nd to import or offer to sup	ply these products to	
Inther information Siemens has decided to exit the Russ https://press.siemens.com/global/en/pre- Siemens is working on the renewal o Please contact your local Siemens office EAC relevant market (other than the sar nformation on the packaging https://support.industry.siemens.com/cs nformation- and Downloadcenter (Ca https://www.siemens.com/ic10 ndustry Mall (Online ordering system https://mall.industry.siemens.com/mall/e Cax online generator http://support.automation.siemens.com/ Service&Support (Manuals, Certificat	essrelease/siemens-wind-de f the current EAC certific: e on the status of validity of nctioned EAEU member sta www/en/view/109813875 atalogs, Brochures,) n) en/en/Catalog/product?mlfb WW/CAXorder/default.asp:	ates. f the EAC certification if you inter ates Russia or Belarus). =3SU1401-1BH50-3AA0 x?lang=en&mlfb=3SU1401-1BH		ply these products to	

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