SIEMENS

Data sheet

3SU1401-1BH30-3AA0-Z X90

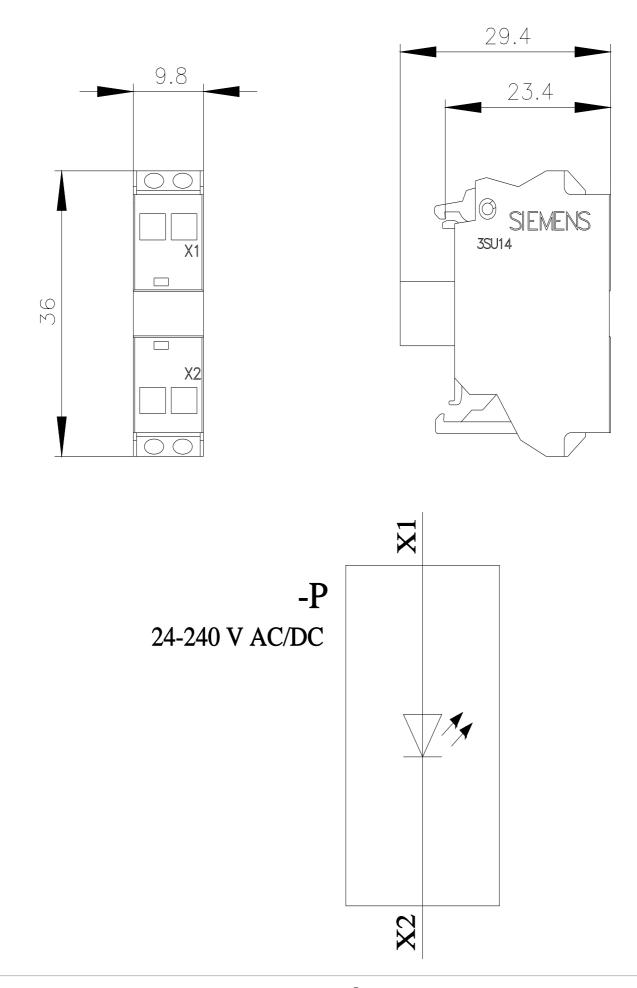


LED module with integrated LED 24-240 V AC/DC, yellow, spring-type terminal, for front plate mounting, Z=50-unit packaging

product brand nameSIRUS ACTproduct designationLED moduleproduct type designation3SU1General technical data*********************************		
product type designation 3SU1 Ceneral technical data	product brand name	SIRIUS ACT
General technical data 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 surge voltage resistance rated value 4 kV consumed current maximum 20 mA protection class IP IP40 • of the terninal IP20 shock resistance sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating period typical 100 000 h reference code according to IEC 81346-2 P Substance Prohibitance (Date) 03/01/2017 • at AC - - at 50 Hz rated value 24 240 V - at 60 Hz rated value 24 240 V - at 60 Hz rated value 24 240 V	product designation	LED module
product component Yes • 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 surge voltage resistance rated value 4 kV consumed current maximum 20 mA protection class IP IP40 • of the terminal IP20 shock resistance isinusoidal half-wave 15g / 11 ms • for ratilway applications according to EN 61373 Category 1, Class B vibration resistance 10 500 Hz: 5g • for ratilway applications according to EN 61373 Category 1, Class B vibration resistance 100 00h • for ratilway applications according to EN 61373 Category 1, Class B vibration resistance 03/01/2017 • according to IEC 80068-2-6 10 500 Hz: 5g • for ratilway applications according to EN 61373 Category 1, Class B operating period typical 100 00h reference code according to IEC 81346-2 P Substance Prohibitance (Date) 03/01/2017 operating voltage - at 50 Hz rated value <th>product type designation</th> <th>3SU1</th>	product type designation	3SU1
• diodeYes• lamp transformerNo• light sourceYes• 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 mAprotection class IPIP40• of the enclosureIP40• of the terminalIP20shock resistanceIP20shock resistanceIP20vibration resistanceCategory 1, Class Bvibration resistance0 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B• according to IEC 81346-2PSubstance Prohibitance (Date)0	General technical data	
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• of the enclosureIP40• of the terminalIP20shock resistancesinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating period typical10 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)03/01/2017operating voltage-• at AC at 50 Hz rated value24 240 V- at 60 Hz rated value24 240 V• at DC rated value24 240 V	consumed current maximum	20 mA
• of the terminalIP20shock resistanceIP20• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceI0 500 Hz: 5g• 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 IEC 81346-2PSubstance Prohibitance (Date)03/01/2017operating voltage24 240 V- at 50 Hz rated value24 240 V- at DC rated value24 240 V- at DC rated value24 240 V	protection class IP	
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• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• 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 IEC 81346-2PSubstance Prohibitance (Date)03/01/2017operating voltage- at 50 Hz rated value- at 60 Hz rated value24 240 V- at DC rated value24 240 V• at DC rated value24 240 V	of the terminal	IP20
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• 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 IEC 81346-2PSubstance Prohibitance (Date)03/01/2017operating voltage- at 50 Hz rated value- at 50 Hz rated value24 240 V- at 60 Hz rated value24 240 V- at DC rated value24 240 V	 for railway applications according to EN 61373 	Category 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)03/01/2017operating voltage	vibration resistance	
operating period typical100 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)03/01/2017operating voltage • at AC24 240 V at 50 Hz rated value24 240 V at 60 Hz rated value24 240 V• at DC rated value24 240 V	 according to IEC 60068-2-6 	10 500 Hz: 5g
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Substance Prohibitance (Date) 03/01/2017 operating voltage • at AC at 50 Hz rated value 24 240 V at 60 Hz rated value 24 240 V • at DC rated value 24 240 V	operating period typical	100 000 h
operating voltage • at AC - at 50 Hz rated value 24 240 V - at 60 Hz rated value 24 240 V • at DC rated value 24 240 V	reference code according to IEC 81346-2	P
• at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value 24 240 V	Substance Prohibitance (Date)	03/01/2017
— at 50 Hz rated value 24 240 ∨ — at 60 Hz rated value 24 240 ∨ • at DC rated value 24 240 ∨	operating voltage	
	• at AC	
• at DC rated value 24 240 V	— at 50 Hz rated value	24 240 V
	— at 60 Hz rated value	
	at DC rated value	
relative positive tolerance of the operating voltage 20 %	relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage 30 %		30 %
Control circuit/ Control	Control circuit/ Control	
inrush current maximum 3 A		3 A
Connections/ Terminals	Connections/ Terminals	
type of electrical connection spring-loaded terminals	type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	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 processing 	2x (0.25 0.75 mm²)	
 finely stranded without core end processing 	2x (0.25 1.5 mm²)	
 for AWG cables 	2x (24 16)	
Lamp		
type of light source	LED	
color of the light source	yellow	
light intensity	900 1 400 mcd	
certificate of suitability		
• ATEX	No	
• IECEx	No	
Ambient 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)	
Installation/ mounting/ dimensions		
fastening 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	
Certificates/ approvals		
Further information		
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://europed.isimens.com/global/en/pie/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/simens/en/en/en/simens/en/en/en/en/en/en/en/en/en/en/en/en/en/		
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