SIEMENS

Data sheet

3SU1401-2BH30-1AA0-Z X90

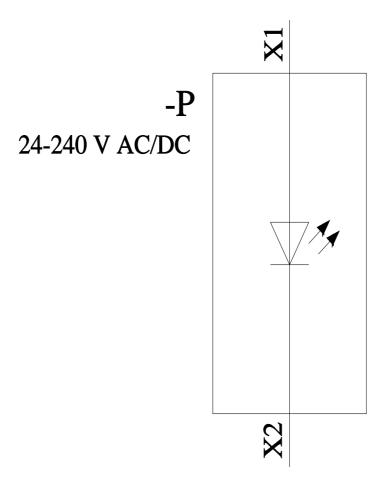


LED module with integrated LED 24-240 V AC/DC, yellow, screw terminal, for floor mounting, Z=50-unit packaging

product brand name SIRUS ACT product disignation LED module 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 20 mA protect oclass IP IP40 • of the terminal IP20 shock resistance - • according to IEC 60068-2.27 sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2.61 10 500 Hz: 5g • of railway applications according to EN 61373 C			
product type designation 3SU1 General technical data	product brand name	SIRIUS ACT	
General technical data product component • diode • lamp transformer • light source • series resistor • loge of pollution 3 type of voltage resistance rated value • of the operating voltage • of reactuation surge voltage resistance rated value • of the enclosure • of the terminal protection class IP • of the terminal ison rativay applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-67 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating period typical 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B operating voltage • at AC - at 30 Hz: rated value • at AC - at 60 Hz: rated value relati		-	
product component vidide Yes • lingh transformer No • light source Yes • series resistor No insulation voltage rated value 320 V degree of pollution 3 type of voltage related value 320 V eurge voltage resistance rated value 4 KV consumed current maximum 20 mA protection class IP IP40 • of the enclosure IP40 • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-27 Sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-6 10 500 Hz: 5g • according to IEC 60068-2-6 10 500 Hz: 5g • of rativay applications according to EN 61373 Category 1, Class B opperating period typical 100 000 h reference code according to IEC 81346-2 P Substance Prohibitance (Date) 03/01/2017 o		3SU1	
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• 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 enclosureIP40• of the enclosureSinusoidal 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 B• period typical100 00 hreference code according to EN 61373Category 1, Class B• period typical000 00 hreference code according to IEC 81346-2PSubstance Prohibitance (Dato)03/01/2017• at AC at 50 Hz rated value24 240 V- at 60 Hz rated value24 240 V- at 60 Hz rated value24 240 V- at 60 Hz rated value24 240 V- at 0 Crotol20 %relative negative tolerance of the operating voltage20 %Connections/ Terminals3AConnections/ Terminalsscrew-type terminals	product component		
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• 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 - • of the enclosure IP40 • of the terminal IP20 shock resistance - • 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 - • according to IEC 60068-2-6 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 operating voltage - • at AC - - at 60 Hz rated value 24 240 V - at 60 Hz rated value 24 240 V • a	 lamp transformer 	No	
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relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 20 % Control circuit/ Control 20 % inrush current maximum 3 A Connections/ Terminals screw-type terminals type of electrical connection screw-type terminals	— at 60 Hz rated value	24 240 V	
relative negative tolerance of the operating voltage 20 % Control circuit/ Control 3 A inrush current maximum 3 A Connections/ Terminals screw-type terminals type of electrical connection screw-type terminals	at DC rated value	24 240 V	
Control circuit/ Control inrush current maximum 3 A Connections/ Terminals type of electrical connection screw-type terminals		20 %	
inrush current maximum 3 A Connections/ Terminals type of electrical connection screw-type terminals	relative negative tolerance of the operating voltage	20 %	
Connections/ Terminals type of electrical connection screw-type terminals	Control circuit/ Control		
type of electrical connection screw-type terminals	inrush current maximum	3 A	
	Connections/ Terminals		
	type of electrical connection	screw-type terminals	
	type of connectable conductor cross-sections		

 solid with core end processing 	2x (0.5 0.75 mm²)
 solid without core end processing 	2x (1.0 1.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (1,0 1,5 mm²)
• at AWG cables	2x (18 14)
tightening torque with screw-type terminals	0.8 0.9 N·m
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 	Floor mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
 plastic enclosure 	Yes
metal enclosure	Yes
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-2BH30-1AA0-Z X90 Cax online generator	
http://support.automation.siemens.com/WW/CAXorder/defau	
Service&Support (Manuals, Certificates, Characteristics,	FAQs,)

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BH30-1AA0-Z X90 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BH30-1AA0-Z X90&lang=en



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