3SU1401-3BA20-5AA0

Data sheet



LED module with integrated LED, 5 V DC, red, solder terminal, for use on printed circuit boards

product brand name SIRIUS ACT product degination LED module product type designation SSU1 General technical data product component did by the series of the		
product type designation General technical data product component	•	
General technical data product component i diode i diode i lamp transformer ilight source series resistor No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage for actuation DC surge voltage resistance rated value 0.8 kV consumed current maximum Drotection class IP of the enclosure of the enclosure of the terminal P20 shock resistance according to IEC 60068-2-27 infor railway applications according to EN 61373 Category 1, Class B violation resistance according to IEC 60068-2-8 for railway applications according to EN 61373 Category 1, Class B coperating period typical Incomparity operating period bytical reference code according to IEC 81346-2 PSubstance Prohibitance (Date) Operating period vpical Federate of the operating voltage Voltage 1 at DC rated value Federate of the operating voltage Telative positive tolerance of the operating voltage Telative negative tolerance of the operating voltage Control circuit/ Control Incus current maximum On IA Connections/ Terminals Type of light source LED Led Cool of the light source Light intensity 450 1120 mcd	product designation	LED module
product component diode lamp transformer light source series resistor No insulation voltage rated value degree of pollution lype of voltage of the operating voltage for actuation DC surge ovoltage resistance rated value O.8 kV consumed current maximum Drotection class IP of the enclosure of the enclosure of the terminal lip20 shock resistance according to IEC 60068-2-7 of ratilway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of ratilway 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) operating voltage 1 out Do Category (Date Service) at DC rated value out DC retains voltage 1 out DC rated value out DC retains voltage 1 out DC rated value out DC retains voltage 1 out DC rated value out DC retains voltage 1 out DC rated value out DC retains voltage 1 out DC rated value out DC retains voltage 1 out DC rated value out DC retains voltage 1 out DC rated value out DC rated value		3SU1
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series resistor Insulation voltage rated value degree of pollution 30 V degree of pollution protage of the operating voltage	 lamp transformer 	No
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For actuation DC	degree of pollution	3
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of the enclosure of the terminal iP20 shock resistance according to IEC 60068-2-27	consumed current maximum	20 mA
of the terminal shock resistance occording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms for railway applications according to EN 61373 Category 1, Class B vibration resistance occording to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B operating period typical operating period typical reference code according to IEC 81346-2 P Substance Prohibitance (Date) operating voltage 1 ot DC rated value or relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage Control circuit/ Control inrush current maximum	protection class IP	
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• 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) 10/01/2014 operating voltage 1 • at DC rated value for railway applications according to EN 61346-2 P Substance Prohibitance (Date) 10/01/2014 operating voltage 1 • at DC rated value for railway applications of the operating voltage relative positive tolerance of the operating voltage control circuit/ Control inrush current maximum 0.1 A Connections/ Terminals type of electrical connection Socket connection (THT) Lamp type of light source LED color of the light source light intensity 450 1 120 mcd	vibration resistance	
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reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage 1 • at DC rated value 5 V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage control circuit/ Control inrush current maximum 0.1 A Connections/ Terminals type of electrical connection Socket connection (THT) Lamp type of light source color of the light source light intensity 450 1 120 mcd	 for railway applications according to EN 61373 	Category 1, Class B
Substance Prohibitance (Date) operating voltage 1 o at DC rated value felative positive tolerance of the operating voltage relative negative tolerance of the operating voltage control circuit/ Control inrush current maximum o.1 A Connections/ Terminals type of electrical connection Socket connection (THT) Lamp type of light source color of the light source light intensity 450 1 120 mcd	operating period typical	100 000 h
operating voltage 1 ● at DC rated value 5 V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage Control circuit/ Control inrush current maximum 0.1 A Connections/ Terminals type of electrical connection Socket connection (THT) Lamp type of light source color of the light source light intensity 450 1 120 mcd	reference code according to IEC 81346-2	Р
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relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage 20 % Control circuit/ Control inrush current maximum 0.1 A Connections/ Terminals type of electrical connection Lamp type of light source color of the light source light intensity 450 1 120 mcd	operating voltage 1	
relative negative tolerance of the operating voltage Control circuit/ Control inrush current maximum 0.1 A Connections/ Terminals type of electrical connection Socket connection (THT) Lamp type of light source color of the light source light intensity 450 1 120 mcd	at DC rated value	5 V
Control circuit/ Control inrush current maximum Connections/ Terminals type of electrical connection Socket connection (THT) Lamp type of light source color of the light source light intensity 450 1 120 mcd	relative positive tolerance of the operating voltage	20 %
inrush current maximum Connections/ Terminals type of electrical connection Lamp type of light source color of the light source light intensity 0.1 A Socket connection (THT) LED red light intensity	relative negative tolerance of the operating voltage	20 %
type of electrical connection Lamp type of light source color of the light source light intensity Socket connection (THT) LED red LED red	Control circuit/ Control	
type of electrical connection Socket connection (THT) Lamp type of light source LED color of the light source red light intensity 450 1 120 mcd	inrush current maximum	0.1 A
type of light source color of the light source red light intensity 450 1 120 mcd	Connections/ Terminals	
type of light source color of the light source red light intensity 450 1 120 mcd	type of electrical connection	Socket connection (THT)
color of the light source red light intensity 450 1 120 mcd	Lamp	
color of the light source red light intensity 450 1 120 mcd	type of light source	LED
light intensity 450 1 120 mcd		red
		450 1 120 mcd
	certificate of suitability	

No	
No	
-25 +70 °C	
-40 +80 °C	
3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)	
Installation/ mounting/ dimensions	
Printed circuit board	
8.1 mm	
8.1 mm	
30.6 mm	
No	
No	

(P)

General Product Approval

Confirmation



EAC



Declaration of Conformity



Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









other Environment

<u>Confirmation</u> <u>E</u>

Environmental Confirmations

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://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1401-3BA20-5AA0

Cax online generator

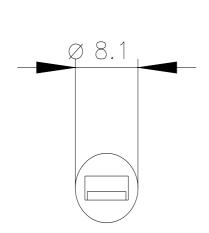
 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1401-3BA20-5AA0}$

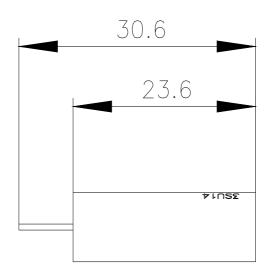
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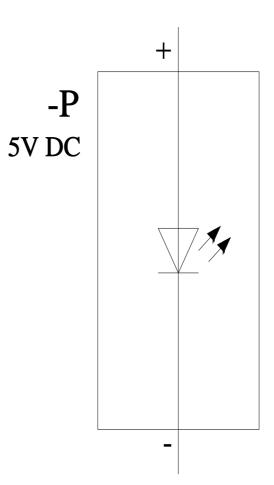
 $\underline{https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-3BA20-5AA0}$

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-3BA20-5AA0&lang=en







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