SIEMENS

Data sheet



LED module with integrated LED 6-24 V AC/DC, green, spring-type terminal, for floor mounting, Z=50-unit packaging

product type designation product type designation general technical data product component	product brand name	SIRIUS ACT
General technical data product component • diode	product designation	LED module
product component • diode • lamp transformer • light source • series resistor No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage • for actuation surge voltage resistance rated value consumed current maximum protection class IP • of the enclosure • of the terminal shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • 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 vibration resistance • according to IEC 60068-2-6 • 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 vibration resistance • according to IEC 60068-2-6 • 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 vibration resistance • according to IEC 81346-2 p Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value • for 24 V • at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of she operating vo	product type designation	3SU1
• diode • lamp transformer • laight source • series resistor No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage • for actuation AC/DC surge voltage resistance rated value • for actuation AC/DC surge voltage resistance rated value • for actuation AC/DC surge voltage resistance rated value • for the operating voltage • of the enclosure • of the enclosure • of the terminal shock resistance • according to IEC 60068-2-27 • for rallway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for rallway applications according to EN 61373 category 1, Class B vibration resistance • according to IEC 60068-2-6 • for rallway applications according to EN 61373 category 1, Class B vibration resistance • according to IEC 60068-2-6 • for rallway applications according to EN 61373 category 1, Class B operating period typical reference code according to IEC 81346-2 p Substance Prohibitance (Date) oparating voltage • at AC — at 50 Hz rated value • at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage value of electrical connection	General technical data	
Implementation of the properties of the terminal properties of the terminal protection of terminals of the terminal protection o	product component	
Series resistor No	• diode	Yes
Series resistor Insulation voltage rated value degree of pollution 320 V degree of pollution AC/DC For actuation AC/DC Surge voltage resistance rated value of the enclosure of the terminal shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating period typical reference code according to IEC 81346-2 Substance Pohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value at DC rated value at DC rated value at DC rated value felative negative tolerance of the operating voltage relative negative tolerance of the operating voltage control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection AC/DC A	 lamp transformer 	No
insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage • for actuation Surge voltage resistance rated value • for actuation AC/DC surge voltage resistance rated value 4 kV consumed current maximum 30 mA protection class IP • of the enclosure • of the terminal IP20 shock resistance • according to IEC 60068-2-27 • 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value • at DC rated value • at D	• light source	Yes
degree of pollution type of voltage of the operating voltage of or actuation AC/DC surge voltage resistance rated value 4 kV consumed current maximum 30 mA protection class IP of the enclosure of the terminal IP20 shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 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 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating period typical reference code according to IEC 81346-2 Publications a	 series resistor 	No
type of voltage of the operating voltage	insulation voltage rated value	320 V
of ractuation	degree of pollution	3
surge voltage resistance rated value consumed current maximum 30 mA protection class IP of the enclosure of the terminal shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 81346-2 pcarting period typical reference code according to IEC 81346-2 pcarting period typical reference code according to IEC 81346-2 pcarting voltage of at AC at 50 Hz rated value of 24 V of at OC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection	type of voltage of the operating voltage	AC/DC
consumed current maximum protection class IP of the enclosure of the terminal lp20 shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 81346-2 Departing period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage at AC at 50 Hz rated value at C at 50 Hz rated value at DC rated val	for actuation	AC/DC
protection class IP of the enclosure of the terminal shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B vibration resistance for railway applications according to EN 61373 category 1, Class B category 1, Class B operating period typical for railway applications according to EN 61373 operating period typical for railway applications according to IEC 81346-2 Substance Prohibitance (Date) operating voltage at AC at 50 Hz rated value at 60 Hz rated value at DC rated value at	surge voltage resistance rated value	4 kV
of the enclosure of the terminal iP20 shock resistance oaccording to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance oaccording to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance oaccording to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating period typical 100 000 h reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage oat AC — at 50 Hz rated value — at 60 Hz rated value oat DC rated value oat DC rated value eat DC rated value relative positive tolerance of the operating voltage relative negative 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 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	consumed current maximum	30 mA
of the terminal shock resistance oaccording to IEC 60068-2-27 of railway applications according to EN 61373 Category 1, Class B vibration resistance oaccording to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance oaccording to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating period typical	protection class IP	
shock resistance	 of the enclosure 	IP40
according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value at DC rated value at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage inrush current maximum z A Connections/ Terminals type of electrical connection spring-loaded terminals spring-loaded terminals spring-loaded terminals	of the terminal	IP20
• for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage inrush current maximum 2 A Connections/ Terminals type of electrical connection source (Date) 10 500 Hz: 5g Category 1, Class B 10 500 Hz 100 000 h 100 00 h	shock resistance	
vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 operating period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage inrush current maximum 2 A Connections/ Terminals type of electrical connection 100 500 Hz: 5g Category 1, Class B 10 500 Hz: 5g Category 1, Class B 100 500 Hz: 5g Category 1, Class B 03/01/2017	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
according to IEC 60068-2-6 of railway applications according to EN 61373 operating period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage oat AC — at 50 Hz rated value — at 60 Hz rated value oat DC rated value oat DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage control circuit/ Control inrush current maximum z A Connections/ Terminals type of electrical connection spring-loaded terminals	 for railway applications according to EN 61373 	Category 1, Class B
of railway applications according to EN 61373 operating period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage o at AC — at 50 Hz rated value — at 60 Hz rated value o at DC rated value o at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage inrush current maximum 2 A Connections/ Terminals type of electrical connection Spring-loaded terminals type of electrical connection Category 1, Class B 100 000 h P 03/01/2017 P 03/01/2017 6 24 V 6 24 V 6 24 V 6 24 V 20 % Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	vibration resistance	
operating period typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage inrush current maximum Z A Connections/ Terminals type of electrical connection 100 000 h P 03/01/2017 03/01/	according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value • at DC rated value • at DC rated value 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 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	 for railway applications according to EN 61373 	Category 1, Class B
Substance Prohibitance (Date) 03/01/2017 operating voltage 6 24 V — at 50 Hz rated value 6 24 V — at 60 Hz rated value 6 24 V • at DC rated value 6 24 V relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 20 % Control circuit/ Control 2 A inrush current maximum 2 A Connections/ Terminals spring-loaded terminals	operating period typical	100 000 h
operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value felative positive tolerance of the operating voltage relative negative tolerance of the operating voltage control circuit/ Control inrush current maximum inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	reference code according to IEC 81346-2	P
 at AC at 50 Hz rated value at 60 Hz rated value at DC rated value at DC rated value at DC rated value at DC rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage 20 % Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals 	Substance Prohibitance (Date)	03/01/2017
- at 50 Hz rated value 6 24 V - at 60 Hz rated value 6 24 V • at DC rated value 6 24 V relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 20 % Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	operating voltage	
- at 60 Hz rated value 6 24 V • at DC rated value 6 24 V relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 20 % Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	• at AC	
● at DC rated value 6 24 V relative positive tolerance of the operating voltage 20 % relative negative tolerance of the operating voltage 20 % Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	— at 50 Hz rated value	6 24 V
relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection 20 % 2 A spring-loaded terminals	— at 60 Hz rated value	6 24 V
relative negative tolerance of the operating voltage Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	at DC rated value	6 24 V
Control circuit/ Control inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	relative positive tolerance of the operating voltage	20 %
inrush current maximum 2 A Connections/ Terminals type of electrical connection spring-loaded terminals	relative negative tolerance of the operating voltage	20 %
Connections/ Terminals type of electrical connection spring-loaded terminals	Control circuit/ Control	
type of electrical connection spring-loaded terminals	inrush current maximum	2 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 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)
 at AWG cables 	2x (24 16)
Lamp	
type of light source	LED
color of the light source	green
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	36 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,...)

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Industry Mall (Online ordering system)

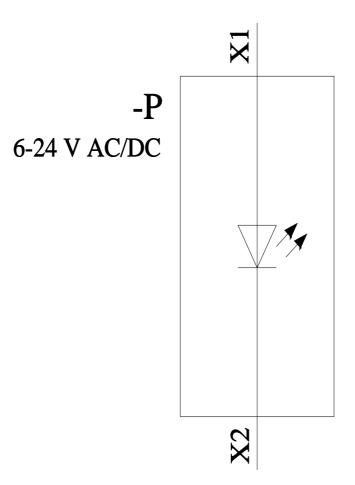
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