## Data sheet 3SU1401-2BH30-1AA0



LED module with integrated LED, 24-240 V AC/DC, yellow, screw terminal, for floor mounting

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
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	
<ul> <li>of the enclosure</li> </ul>	IP40
of the terminal	IP20
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	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	
• 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
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %
Control circuit/ Control	
inrush current maximum	3 A
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)

ambient temperature  • during operation • during storage • during storage  environmental category during operation according to IEC 60721  stallation/ mounting/ dimensions  fastening method • of modules and accessories  height  indicates and accessories  Floor mounting  indicates and accessories  Floor mounting  indicates and accessories  fastening method • of modules and accessories  Floor mounting  indicates and accessories  indicates and acc				
• finely stranded without core end processing • for AWG cables 2x (1.0 1,5 mm²) 2x (18 14)  tightening torque with screw-type terminals 0.8 0,9 N·m  Lamp  type of light source color of the light source light intensity 900 1 400 mcd  certificate of suitability • ATEX ATEX No • IECEX No  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories height 33.2 mm  width depth 9.8 mm  depth 2x (1.0 1,5 mm²) 2x (18 14) 10.8 15 mm²) 2x (18 14) 10.8 15 mm²) 2x (18 14) 10.8 14) 10.8 15 mm²) 2x (18 14) 10.8 14) 10.8 140 10.9 140 10.9 1400 mcd  LED 10.0 1400 mcd  certificate of suitability  No 10.0 1400 mcd  certificate of suitability 10.0 1400 mcd  certificate situation in operation conditions  10.0 1400 mcd  certificate situation in operation conditions  10.0 1400 mcd  10.0 1400 mcd  certificate situation in operation conditions  10.0 1400 mcd  certificate situation in operation conditions  10.0 1400 mcd  certificate situation in operation conditions  10.0 1400 mcd  certificate situation in operation operation in operation permitted operation operation permitted operation operation permitted operation operation operation operation operation permitted operation operation operation permitted operation	<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)		
for AWG cables     tightening torque with screw-type terminals	<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)		
tightening torque with screw-type terminals  Lamp  type of light source color of the light source light intensity 900 1 400 mcd certificate of suitability • ATEX • IECEX No Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions  fastening method • of modules and accessories height width 9.8 mm depth 29.4 mm suitability for integration • plastic enclosure • plastic enclosure  Yes • metal enclosure  Yes  Certificates/ approvals	<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)		
type of light source  color of the light source  light intensity  ertificate of suitability  • ATEX  • IECEX  Anbient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC  60721  Installation/ mounting/ dimensions  fastening method  • of modules and accessories  height  width  9.8 mm  depth  suitability for integration • plastic enclosure  • plastic enclosure  • provious files and accessories  entire files and accessories  Floor mounting  Yes  Yes  entire facts of suitability  yellow  yellow  yellow  1400 mcd  1400 m	• for AWG cables	2x (18 14)		
type of light source  color of the light source light intensity  900 1 400 mcd  certificate of suitability  • ATEX • IECEX  No  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  condensation in operation permitted)  Installation/ mounting/ dimensions  fastening method • of modules and accessories height width depth 9.8 mm  depth suitability for integration • plastic enclosure • metal enclosure  Yes  Certificates/ approvals	tightening torque with screw-type terminals	0.8 0.9 N·m		
color of the light source light intensity 900 1 400 mcd  certificate of suitability • ATEX • IECEX No  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 condensation in operation permitted)  Installation/ mounting/ dimensions  fastening method • of modules and accessories height width depth 9.8 mm depth suitability for integration • plastic enclosure • metal enclosure Yes  Certificates/ approvals	Lamp			
light intensity ertificate of suitability  • ATEX • IECEx No  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 condensation in operation permitted)  Installation/ mounting/ dimensions  fastening method • of modules and accessories  feight indicates/ approvals	type of light source	LED		
certificate of suitability  • ATEX • IECEX No  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories height width 9.8 mm  depth suitability for integration • plastic enclosure • metal enclosure  Yes  Certificates/ approvals	color of the light source	yellow		
	light intensity	900 1 400 mcd		
IECEX  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories  height  width depth  suitability for integration • plastic enclosure • metal enclosure • metal enclosure  Certificates/ approvals	certificate of suitability			
Ambient conditions  ambient temperature  • during operation • during storage • during storage • during storage • during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories  Floor mounting  width 9.8 mm  depth 9.9 mm  suitability for integration • plastic enclosure • metal enclosure • metal enclosure  Certificates/ approvals	• ATEX	No		
ambient temperature  • during operation • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories  height  width  depth  suitability for integration • plastic enclosure • metal enclosure • metal enclosure • Certificates/ approvals	• IECEx	No		
• during operation     • during storage     • during storage     • during storage     • environmental category during operation according to IEC     60721     8M6, 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     • metal enclosure     Yes  Certificates/ approvals  -25 +70 °C  -40 +80 °C	Ambient conditions			
during storage     environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method     of modules and accessories  height  width  gentlemental between the plastic enclosure     metal enclosure  environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)  The plastic enclosure and accessories are placed as a second permitted as a sec	ambient temperature			
environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method	<ul> <li>during operation</li> </ul>	-25 +70 °C		
condensation in operation permitted)  Installation/ mounting/ dimensions  fastening method	during storage	-40 +80 °C		
fastening method  of modules and accessories  Floor mounting  height  33.2 mm  width  9.8 mm  depth  29.4 mm  suitability for integration  oplastic enclosure  metal enclosure  metal enclosure  Yes  Certificates/ approvals			) 95%, no	
of modules and accessories     Floor mounting     33.2 mm  width 9.8 mm  depth 29.4 mm  suitability for integration     plastic enclosure Yes     metal enclosure Yes  Certificates/ approvals	Installation/ mounting/ dimensions			
height 33.2 mm  width 9.8 mm  depth 29.4 mm  suitability for integration  • plastic enclosure • metal enclosure • metal enclosure • results approvals	fastening method			
width  depth  suitability for integration  plastic enclosure metal enclosure  metal enclosure  Yes  Certificates/ approvals	<ul> <li>of modules and accessories</li> </ul>	Floor mounting		
depth 29.4 mm  suitability for integration  plastic enclosure Yes metal enclosure Yes  Certificates/ approvals	height	33.2 mm		
suitability for integration  • plastic enclosure  • metal enclosure  Yes  Certificates/ approvals	width	9.8 mm		
plastic enclosure     metal enclosure     Yes  Certificates/ approvals  Yes  Yes	depth	29.4 mm		
metal enclosure     Yes  Certificates/ approvals	suitability for integration			
Certificates/ approvals	plastic enclosure	Yes		
	<ul> <li>metal enclosure</li> </ul>	Yes		
General Product Approval EMC	Certificates/ approvals			
	General Product Approval		EMC	





Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Special Test Certificate

Type Test Certificates/Test Report





Marine / Shipping

other

**Environment** 





Confirmation

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,...)

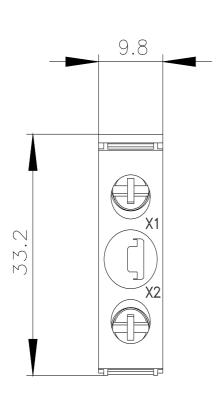
https://www.siemens.com/ic10

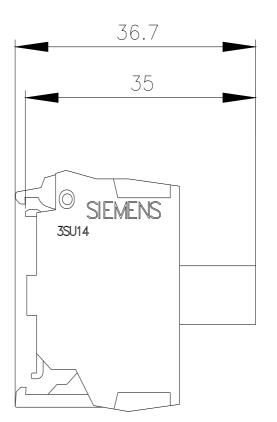
Industry Mall (Online ordering system)

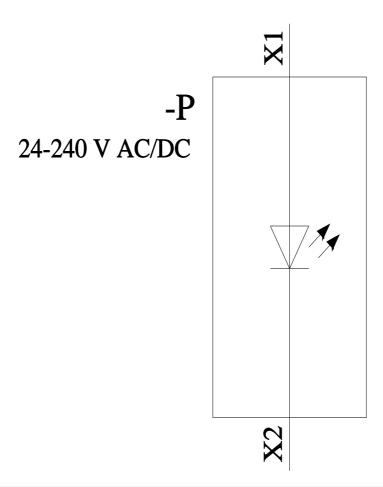
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-2BH30-1AA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BH30-1AA0







last modified: 3/9/2022 🖸

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3SU14012BH301AA0